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ONLINE
COLLEGE OF PHARMACY
41 GERRARD ST. E.
TORONTO

THE Canadian Druggist

Index to Volume XVII.

January to December, 1905



Accuracy.....	250	Canine Complaints, How to Treat.....	391	Dispensing, To Complete Price.....	5
Adjustable Label Drawer.....	117	Carbolic Acid, Ordinance.....	394	Distributing Samples Prohibited.....	51
Advertising Advice.....	161	Carrying Side Lines.....	398	District Meetings.....	305
Advertising, Hints on.....	183	Cascara Situation, The.....	192	Doctors Send no Bills.....	445
Advertising, Some things to Avoid in.....	157	Casein and its Compounds.....	127	Dominion Certificate A.....	541
Against Trading Stamps.....	392	Castor Oil and its Manufacture.....	561	Dents for Travelling Salesmen.....	475
Amending the Pharmacy Act.....	197, 201	Christmas Advertising.....	575	Drug Bowlers.....	401
American Pharmaceutical Association.....	392	Citraminium Oxyphenylicum.....	108	Drug Clerks in Denmark.....	58
Amongst the Colleges.....	502	Cleaning Utensils in the Store.....	472	Drug Club Debate.....	153
Artificial Camphor, to Convert into genuine.....	532	Cod Liver Oil.....	270	Druggist Optician, The.....	441
Artistic Show Windows.....	114	Commercial Course in a College of Pharmacy.....	29	Druggists' Bowling Tournament.....	358
Be Enthusiastic in your Work.....	449	Confectionery.....	462	Drug Merger.....	393, 547
Be Honest in Advertising.....	488	Conference of Pharmaceutical Facul- ties.....	424	Drug Store in the Vatican.....	258
Being in Sight.....	524	Cooling Suppositories.....	84	Duty of the Hour, The.....	489
Best Drug Representative in Canada, The.....	397	Copper Sulphate for Purification of Water Supplies.....	240	Elliot, Death of Mr. R. W.....	546
Books.....	88, 209, 283, 357	Corrected Formulae.....	201	Encourage the Clerk to Study.....	1
Books, Stationery and Druggists' Sundries.....	527	Cough Cure Campaign, A.....	523	Exhibits at the Toronto Exhibition.....	471
Botanical Field Notes.....	401, 445, 494	Council Proceedings.....	394	Evans, Death of Mr. Edward, Sr.....	62
Botany of the Woods.....	487	Creosote Emulsion.....	210	Fall Leather Goods.....	328
British Columbia Pharmaceutical As- sociation.....	21, 275, 362, 545	Criticism of Compendium of Can- adian Formulary.....	557	Famous Philadelphia Druggist.....	114
British Manufacturers' Exhibition in Egypt.....	505	Cultivation of Medicinal Herbs, etc.....	329, 353	Formaldehyde, Test for.....	41
Brown Bros., Limited.....	471	Cultivation of Medicinal Plants in England.....	323	Formula on each Bottle.....	166
Business Methods.....	375	Curry, Death of Mr. C. D., M.D.....	354	Formulae for the Dark Room.....	497
Business Prospects.....	346	Danger in Bargain Purchases.....	520	\$4,000 a Year Rent for Drug Store.....	388
Canadian Compendium, The.....	197, 217	Dean Heebner, Illness of.....	442	Fostering a Legitimate Business.....	162
Canadian Wholesale Druggists' As- sociation.....	305	Degree Conferred.....	113	Fuel.....	488
		Desirable Feature, A.....	101	Fulford, Death of Hon. G.T.....	428
		Diligence in Business.....	149	Gasoline Fire, How to Extinguish.....	528
				Giroux, Death of Mr. Edouard.....	354
				Good Example, A.....	409
				Have a Purpose in Life.....	409
				Help the Salesman.....	410

Hints to Bookkeepers.....	450	News Items.....	306, 358	Radium Cures Ophthalmia.....	30
Hoffman, Death of Dr. Frederick.....	62	New U. S. Pharmacopoeia.....	349	Rebates mean Cutting.....	149
Homoeopathic Pharmacy.....	379	No Discounts.....	346	Reflecting Character.....	298
Hot Drinks for Soda Fountains.....	13, 571	Norway Cod Liver Oil.....	392	Remarkable Chance, A.....	441
Hot Water Bottles, Care of.....	475	Not more Profits, but more Sales.....	2	Removal of a well known Firm.....	58
How I mended a Mortar.....	498	Nova Scotia Notes.....	357	Retail Druggist and Patent Medicines.....	298
How to Preserve Fowler's Solution.....	410	Nova Scotia Pharmaceutical Society.....	368	Returning Drafts, On.....	297
Ichthyol in Tuberculosis.....	183	Novelties in Leather Goods.....	169	Return of empties, The.....	297
Incompatibility in Theory and Prac- tice.....	239	Novelties in Stationery.....	506	Rubber Goods, how to Clean and Care for.....	454
Incompatibility of Antipyretics with Extract of Cinchona.....	132	Novel Window Attraction, A.....	279	Sal Hepatica vs. Natural Mineral Waters.....	446
Incompatibility of Cocaine and Calo- mel.....	132	Objectionable Legislation.....	345	Salutary Lesson, A.....	542
Injunction Granted.....	154	Observe the Law.....	489	School of Pharmacy.....	257
Ink for Fountain Pens.....	427	Oil of Almond.....	206	Season and the Opportunity, The.....	493
Insect Powder as a Protection Against Moths.....	170	Ontario College of Pharmacy, 5, 17, 65, 102, 198, 262, 266, 306, 413	413	Seneca Root.....	192
International Atomic Weights.....	279	O. C. P. Council Election.....	254, 350	Sharing Success.....	472
International Commercial Travellers' Views on Canada.....	265	O. C. P. Students' Banquet.....	106	Show Card Paint, Good.....	483
Iodic Acid and Iodates.....	454	Ointment of Lead Acetate, Prepar- ation of.....	402	Show Window, The.....	80
Iodine as a Water Sterilizer.....	423	Olan.....	191	Side Lines for the Druggist.....	479
John Wesley's Pharmacopoeia.....	54	On a Cash Basis.....	501	Souvenir Post Cards.....	467
Judgment Maintained.....	58	Paraffined Corks.....	79	Sponges.....	114
Just as Easy to be Civil.....	248	Parke, Davis & Co's Annual Outing.....	361	Spraying Solutions.....	175
Kenrick, Death of Professor.....	62	Parker, Death of Mr. Henry.....	62	Stearns' Diphtheritic Antitoxin and Streptolytic Serum.....	446
Know Your Stock.....	83	P. A. T. A. of Canada.....	510	Stovaine. The Pharmacy of.....	210
Laurence, Death, of Mr. B.....	493	Patent Medicines in New Zealand.....	99	Substitution in Chicago.....	53
Leave your Competitor Alone.....	154	Patent Medicines in Norway.....	54	Success and Failure.....	450
Libel Suit.....	550	Patent Medicines in Venezuela.....	409	Successful Salesman, The.....	397
Lime Water Tablets.....	310	Patent Medicines Seized.....	257	Suit for Damages.....	490
Little Things Count.....	198	Patents of Interest to Druggists.....	113, 488	Sunday Closing.....	154
Manitoba and North West Notes.....	357	Paying Interest.....	335	Sunset Doorway of The Dominion.....	383
Manitoba College of Pharmacy.....	24	Permanganate of Potash Pencils.....	113	Suppositories, To Rapidly Solidify.....	113
Manitoba Pharmacy Examinations.....	6	Persevering.....	54	Surmounting Difficulties.....	449
Medicinal Herbs.....	406	Persian Insect Powders.....	32	Tea and Coffee as Medicines.....	468
Meeting of Drug Section.....	9	Personal Reputation.....	497	Time for Prompt Action.....	393
Meeting of Joint Committee.....	253	Pharmaceutical Research.....	314	Toronto Drug Section... 57, 179, 205, 280, 510, 554	58
Meeting of Trustees of U. S. Pharma- copoeia.....	318	Pharmacopoeia, how Published.....	484	Trade Mark Suit, A.....	58
Merck's Factory at Darmstadt.....	424	Pharmacy Act, The Amended.....	250	Trade Notes, 9, 61, 109, 157, 205, 261, 309, 357, 405, 453, 501, 553	158, 345
Merck's Market Report.....	192	Pharmacy a Trade or a Profession ?	51	Trading Stamp, The.....	158, 345
Mercury, Perfect Emulsions of.....	210	Pharmacy in The Holy Land.....	480	Two Years' Course, The.....	150
Metric System in Medicine, The.....	54	Pharmacy Notes.....	213	Undeveloped Mineral Resources.....	210
Minard's Liniment Purchased by a Syndicate.....	446	Philately.....	40, 99, 343, 488	Up-to-Date Store Furniture.....	497
Mineral Resources.....	449	Photographic Supplies.....	101	U. S. Circuit Court Decision.....	331
Mitchell, Mr. B. A.....	350	Politeness is Best.....	2	Value of an Association, The.....	1
Modern Appliances in the Drug Store.....	490	Postal Convention between Canada and Mexico.....	14	Van Shaak, Death of Mr. Peter.....	91
Montreal Chemists and Druggists' Rifle Association.....	257	Postal Regulations as to Drugs.....	13	Vanilla Beans, to Distinguish be- tween.....	176
Montreal College of Pharmacy 6, 201, 257, 402, 505	505	Post Cards, Use of.....	488	Vascol.....	92
Montreal Drug Club.....	57, 105, 261, 519, 520	Practical Coloring Agents.....	561	Wampole, H. K. & Co., and The Price Restrictive Plan.....	165
Montreal Druggists Meet.....	6	Prescription Charges.....	153	Wholesale Drug Situation, The.....	541
Montreal Notes... 61, 157, 309, 405, 453	453	Prescription Prices.....	53	Window Ad., The.....	175
National Association of Retail Drug- gists.....	424	Presentation.....	442	Window Display Ideas, Some.....	468
National Drug and Chemical Co.....	542	Presents for your Employees.....	550	Writing an Ad.....	248
National Standard Dispensatory, A.....	394	Price Contract Plan, The.....	249	Zinc Chloride.....	497
Neuronal.....	442	Price Cutting no Longer a Progres- sive Method.....	36	OPTICAL.	
New Brunswick Pharmaceutical So- ciety.....	370	Price Regulation of Patent Medicines.....	310	Binocular, Monocular and alternate Vision.....	143
New French Pharmacopoeia.....	54	Profitable Preparations of Petroleum Products.....	118	Binocular Vision and Visual Acuity, To Determine.....	92
		Proposed Merger, The.....	493		
		Protection of Trade Marks.....	161		
		Provincial Drug Section's Annual Meeting.....	509		
		Pyrenol.....	91		
		Quebec Pharmaceutical Association... 6, 201, 301, 335, 354, 505, 550	550		

Canadian Association of Opticians.....	280, 287	483
Convergent Strabismus.....		491
Diphtheria Affecting Vision.....		18
Eye, Comparative Anatomy.....	535	587
New Treatment for Defective Eyes.....	532, 587	
Optical Advertising.....		91
Optical Class in St. John, N.B.....		343
Optical Notes.....		241
Optical Pointers.....		113
Relation between Presbyopia and Range of Accommodation.....		310
Short Sight.....		340
Simulation of Blindness.....		310
Six Best Optical Books.....		428
Tobacco Amblyopia.....		283
Use of Colored Glasses.....		188

FORMULARY

Almond Cream.....	531
Antiseptic Foot and Hand Powder.....	531
Antiseptic Solution.....	176
Bengal Papers.....	35
Birch Beer Extract.....	87, 127
Brass Polish.....	136
Camphor Cream.....	336
Camphor Snow.....	176
Carbolic Acid Ointment.....	336
Carbolic Salve, Improved.....	88
Catarrh Snuff.....	88
Compound Creosote Pills.....	87
Compound Tincture of Iron.....	531
Cosmetics for the Skin.....	336
Creme de Lanoline.....	127
Creosote Wine.....	336
Dandruff Powder.....	532
Dental Wax.....	35
Deodorized Iodoform.....	35
Depilatory.....	87
Disinfectants.....	580
Easter Egg Dyes.....	184
Emulsion of Salol for Internal Use.....	35
Eucalyptus Mouth Wash.....	336

Finework papers.....	35
Fixed Oil of Mustard in Toilet Pre- parations.....	87
Floor Polish.....	184
Floor Wax.....	136
Foaming Carbolic Tooth Wash.....	87
Foot Powder.....	87
French Leather Polish.....	176
Furniture Polish.....	184
Ginger Ale.....	137
Glycerin Cream.....	531
Granulated Lecithine.....	87
Hair Oil.....	87
Hot Soda Formulas.....	586
Hugenschmidt's Dentifrice.....	87
Ink Tablet.....	87
Jelly of Roses.....	531
Light Permanent Cold Cream.....	531
Liquid for Copper, Brass, etc.....	136
Liquid Glue for Bottling.....	531
Liquid Silver polish.....	135
Massage Cream.....	586
Metal Polish Paste.....	135
Milk of Camphor.....	476
Miller's Thymol Dentifrice Water.....	176
Mosquito Lotion.....	427
Mouthwash Tablets.....	336
Neuralgia Remedies.....	88
Neurogen.....	586
Para De Ronge.....	586
Peroxide Mouthwash.....	336
Petro Sterile.....	531
Piano Polish.....	184
Polish for Aluminum.....	136
Polish for Machinery.....	136
Polishes.....	135
Polishing Soaps.....	137
Powdered Castor Oil.....	476
Quick Drying Floor Dressing.....	184
Remedies for Insect Bites.....	427
Root Beer Extract.....	427
Salol Dentifrice.....	35
Shampoo Paste.....	336
Silver Cleaning Fluid.....	136
Silvering Powder for Metals.....	136
Silver Polishing Powder.....	135
Silver Soap.....	136

Stain Remover	10
Syrup of Ipecac	10
Toilet Ammonia	10
Toilet Cream	10
Toilet Preparation	10
Vinagre Rouge	10
Wart Remover	10

PHOTOGRAPHIES

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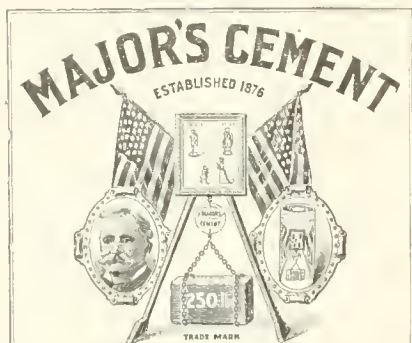
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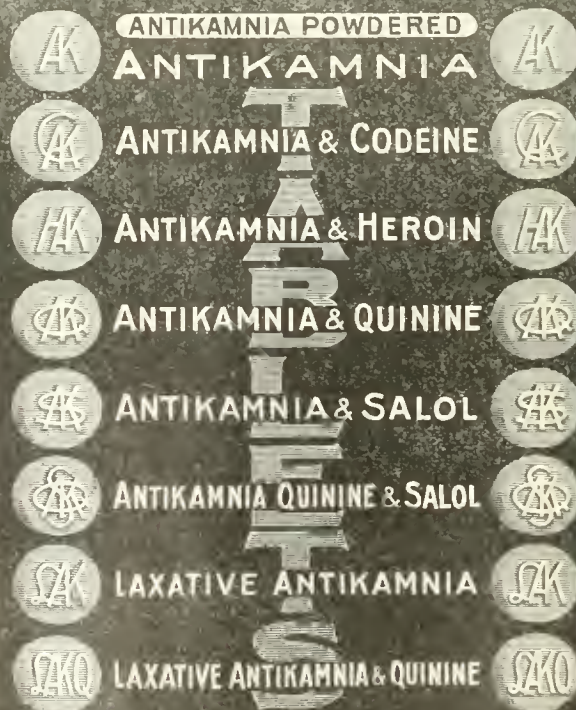
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THE ANTIKAMNIA CHEMICAL COMPANY, ST. LOUIS, U.S.A.

The Canadian Druggist

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MONTHLY.

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CONTENTS.

Editorial—

- Encourage the Clerk to Study.
- The Value of an Association.
- Not More Profits, but More Sales.
- Politeness Is Best.
- To Compute Price of Dispensing.
- Results of Junior Examinations, Ontario College of Pharmacy.
- Results of Montreal College of Pharmacy Examinations.
- Results of Manitoba Pharmacy Examinations.
- Quebec Pharmaceutical Association—Preliminary Examinations.
- Montreal Druggists Meet.

Trade Notes—

- Meeting of Toronto Drug Section.
- Postal Regulations.
- Hot Drinks for Soda Fountains.
- Pharmaceutical Examination Papers—Ontario, British Columbia and Manitoba Colleges of Pharmacy.
- The Practical Details of a Commercial Course in a College of Pharmacy.

Formulary—

- Photographic Notes.
- Developers for Gaslight and Bromide Papers.
- A Celluloid Danger.
- Philately.
- Drug Report.
- The Drug Market.
- Prices Current.

ENCOURAGE THE CLERK TO STUDY

The present number of The Canadian Druggist is one which, outside of its general interest to the proprietor of every drug store in Canada, will appeal especially to apprentices in the various provinces of the Dominion. We have secured the papers submitted at the recent examinations in Ontario, Manitoba and British Columbia, and publish the questions in full as a guide for those drug clerks who in the near future will be required to present themselves before the various examining boards.

We would suggest that every principal should not only give the privilege of reading and studying carefully the curriculum as suggested by these questions, but would also strongly advise their clerks to do so, not only as a means of preparation for their exams., but also to acquire a knowledge which will be of immediate service to themselves and their employers.

THE VALUE OF AN ASSOCIATION

The value of an association for the protection of trade interests depends not so much on the size of the membership, although it is most important that as many as possible of the profession be enrolled in it, but on the enthusiasm, energy and interest displayed by those who belong to it. Some people seem to think that the payment of their membership fees is all that is required of them, never attend the meetings held to advance the cause of the association, or, if they do, display such a languid interest in the matters discussed, as to discourage others who come there full of enthusiasm, and willing to do all in their power to help things along. It is, unfortunately, only too true that the greater part of the work to be done generally falls on the shoulders of a few faithful ones who conscientiously carry out what in their opinion is best for all, but, if the others cannot, or will not work, they might, at least, give the workers much needed encouragement by their presence whenever possible, and by striving to carry out whatever regulations are agreed upon by the executive in the interests of the trade at large. Nothing is so depressing as indifference. Open opposition is even preferable to it, because opposition shows that interest is being taken in the subject, and it

is, oftentimes, the means of suggesting changes in procedure, or in agreements that are improvements on those originally proposed.

Druggists do not take the interest they should in the association which is trying to protect their interests. The meetings held from time to time are not attended as they should be. Of course it is impossible for some druggists to attend these, but what an encouragement it would be to those present if any who found that they could not attend would write a few lines stating so, and that they were in full sympathy with the objects of the meeting. Instead of this, however, we more generally find indifference, a selfish, though short-sighted, concentration of their energies on their own individual business, coupled with a readiness to believe any and every story told by customers as to the methods of dealing carried on by their competitors. Statements that so and so is selling such an article much cheaper than what you do unfortunately receive ready credence, instead of being put down as inventions of interested persons trying to beat you down in price by any means, falsehood not excepted. If there is any reason to believe that a competitor is selling at a cut-rate it is far better to have a friendly chat with him over the matter and endeavor to come to some arrangement as to prices. Some of these tales of selling below regular prices are quite easily explained. For instance, some one will come into a drug store and making a poor face, will say, "I want to buy a bottle of — (the price of which is \$1), but have only 85 cents." The druggist, in his kindheartedness, will sometimes allow this deadbeat (for this is what this style of customer generally is) to take the bottle at that price. The chances are that next time this fraud will go to another drug store and with some show of truth will declare that he bought a bottle of — for 85 cents at A.'s, and will try to work the same game there.

Now, if druggists were thoroughly united in a live association such practices would be rendered impossible, because a list and description of such persons could be drawn up and furnished to all the members, who would thus be enabled to identify them and shut down on their little game. There will be little fear of doing an unkindness by refusing to sell an article except at the regular price, because the deserving poor are the last people in the world to parade their poverty before others in order to induce compassion.

Let all, then, show their interest in matters connected with the drug trade in general by becoming active members of the association. Keep an eye open for the dates when meetings are to be held and be sure to be present and take an intelligent part in the proceedings, unless circumstances absolutely prevent your attending. Leave your store in charge of your assistant, or even close it up for an hour or two, if you have no

competent man with whom to leave it in charge. It will pay you to do so, and your presence will be the means of inducing others to join the association and work for the general good of the trade.

NOT MORE PROFITS, BUT MORE SALES

Butler Bros., of Chicago, New York and St. Louis, believe that the drug business is suffering from too much professionalism and discourse on the subject in this style:

When you think about storekeeping, not as an incident to a professional life but for the direct purpose of making money, what is it that determines the real worth of a business?

Adding up the year's sales doesn't give you a line on the value of a store.

To know where you're at in sizing up any business, you've got to get at the yearly NET, not in goods and fixtures, but in cold hard cash.

Twenty years ago folks just naturally went to the drug store for soaps, combs, notions, drug sundries in general, toys, fancy goods, and a lot of other stuff.

To-day, while drug stores continue to offer these lines most of the trade goes elsewhere. Why?

It costs you a certain amount every day for rent, heat, taxes, your own time, some clerk hire—for these go on, hot or cold, rain or shine.

Up to a certain point, then, expense eats up profit on all sales. When sales pass that point, however, gains roll up fast, for after that gross profit is really net profit.

The druggist's need is not more profit.

He now has plenty of things that pay a high percentage of profit.

What he needs is more everyday sales.

POLITENESS IS BEST

If a man or woman comes into your place of business and inquires for directions to some competitor's store, what do you do? The better plan is to tell it in as pleasant a manner as possible. Go to the door and show the way or make a pencil sketch on one of your own cards, showing the location so it can readily be found. Be just as courteous as you know how and you will be remembered. Don't take the person by the neck and turn on a hot air blast of your own, but give an exhibition of unobtrusive courtesy that will make its impression. Instances are not wanting to show the value of courtesy under all circumstances.—Ex.

The Annual Chemists' Exhibition, organized by The British and Colonial Druggist, will be held March 13th to 17th, inclusive, at Covent Garden Theatre, London, W. C., England. This exhibition has become a recognized annual feature and the attendance shows a decided increase every year.

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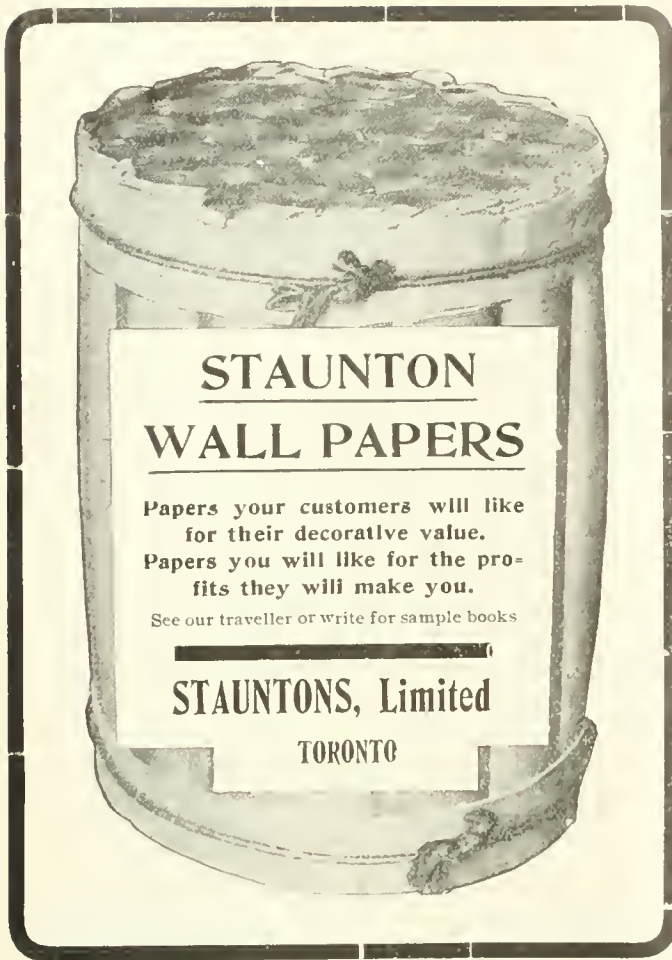
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Cachets for use with this machine 85c. per thousand.

This machine possesses 4 points of advantage over some of the older machines in use by Druggists. Full directions with each machine.

1. No water is required. One Cachet telescopes into the other.
2. They require no funnel for filling.
3. They require no Thimble for packing the Powder.
4. They save the operator fully 50 per cent. in time. The machine does all the work.
5. The Special Automatic Closing Cachet supplied for this machine is more attractive in appearance and costs less than any other Cachet on the market.

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Toronto

TO COMPUTE PRICE OF DISPENSING

Adopted by "Drug Section," Toronto branch of Retail Merchants' Association of Canada, Dec. 8th, 1904, and is hereby recommended to be recognized at once.

Total up the sum of the retail price of ingredients. For ingredients without an established selling price, such as proprietary articles, fluid extracts etc., when only part of original package is used, make a minimum price, charging 100 per cent. advance on cost price. Charge for professional services, including bottle, label, etc., according to time occupied, at the rate of 75c. per hour, but no charge to be less than 20c.

EXAMPLES

L. q. Sedans 2 oz. at 10c per oz.....	20
Pot. Bromid, 4 drs. at 10c, per oz.....	05
Ext. Ergot Fl., 1 oz., 25c. per oz.....	25
Syr. Simple, 2 oz.....	05
Aq. add 6 oz.....	00
Services, minimum charge	20
	75c.
Pil. Bland, grs. 3	05
Ac. Arsenios, 1-40	}
P. Strych. Sulph., 1-40	
Quin. Sulph., grs. ½	05
Mix and make pil or cap, send 24.	
Services, ½ hour	40
	55c.

Minimum prices for mixtures containing the most ordinary ingredients when dose is not larger than 2 drams.

½ oz. or less	20c—25c.
1 oz.....	25c.
2 oz.....	30c.
3 oz.....	35c.
4 oz.....	40c.
6 oz.....	45c.
8 oz.....	55c.

No allowance to be made for containers in repeating prescriptions.

Eye Drops ¼, 25c., or ½ oz. 30c.

Eye Lotions, 1 oz., 25c., 2 oz., 35c.

Comp. Tablets and Pills, coated, 25c. per doz., 35c. for 2 doz., 75c. for 100.

Iron Pills, freshly made, \$1.00 per 100.

Pills and Caps, freshly made, 25c. for 1 doz., 40c. for 2 doz., 50c. for 3 doz.

Cachets, 10c. for 1, 20c. for 6, 35c. for 12.

Powders, 10c. for 1, 20c. for 6, 35c. for 12.

Suppositories, 75c. for 12, 50c. for 6.

Ointment, 20c. for ½ oz., 30c. for 1 oz., 40c. for 2 oz.

Eye Ointments, 1 dram and 2 drams, 25c. and 35c.

Gargles, 4 oz. 30c., 8 oz., 45c.

Lotions, 4 oz. 25c., 8 oz., 40c., 16 oz., 60c.

Triturate Tablets, 15c. doz., 2 doz. 25c., 100 75c.

Price mark 3 times price over XS, viz. 75-XS—25.

For Night Calls a direct charge of 25c. shall be made, to be added to regular prices of goods supplied.

ONTARIO COLLEGE OF PHARMACY

JUNIOR EXAMINATION

The results of the junior examinations of the Ontario College of Pharmacy, held in December are as follows:

First-class honors (in order of merit)—A. J. Brownlee, Fred E. Morrison, J. E. Sonder, Gilbert W. Brant, E. P. Stewart, O. T. Copeland, Harold Richardson, R. E. Harrison, F. E. McLay, A. W. E. Hemphill, Gordon L. Jepson, W. S. McDonald, A. R. Lemon, J. A. McCormick, Robt. H. H. Barber, D. T. G. Rumph, A. Cronyn, A. C. Allen, H. Caldwell, W. P. Brockenridge, T. H. McCready, J. M. Kelly, F. E. Livingstone, Reg. S. Harrison, J. R. Collinson, Hugh Hennessey, A. J. Hamilton, Edward B. Flint, Leonard W. Biggar, J. L. Harris, W. E. Brimblecombe, Howard C. McBurney, H. S. Mann, Herbert W. Martin, Geo. A. Quinn, W. F. McGill, B. G. Hunt, W. W. Storr, R. M. Arbutnot, G. Stanley Pepper, Andrew Kennedy, L. K. Norris, W. A. Marshall, Miss S. P. Marshall, A. J. Tovey, A. Keir, Lorne Douglas, F. H. Spence.

Second-class honors (in order of merit)—Fred S. Wilson, J. H. Tupling, Sidney G. Moore, R. R. Foster, A. E. Black, F. Lyne, E. C. Lawrence, Harry W. Pew, Ambrose Gainer, W. E. Corlett, Walter W. Jeffrey, W. G. Charles, F. W. McCulloch, J. P. Marrin, H. C. Fairman, R. D. Devlin, T. S. Jackson, R. L. Johnson, W. R. Hammond, R. Lloyd Kitchen, M. L. Walker, J. R. Darling, W. C. Hanes, G. M. Brown, Geo. N. Collins, D. S. McCutcheon, Edwin L. L. Doane, C. H. MacFarlane, W. J. Wright, W. H. Lister, Frank Venn, H. H. Gregory, S. M. Scott, C. H. Stewart, Wilfred W. Ker, H. O. Dietrich, Jas. A. Rouse, Mervin W. Huston, J. G. Armstrong, Hugh Elliott, W. A. O'Neail, Harry G. Spotswood, J. B. Hardy, L. B. Cooke, W. A. Clarke, John A. Breen, W. M. Twiddy, Walter Avery, F. W. Heath.

Pass list (alphabetically arranged)—W. E. Auspin, O. E. Barber, Garfield Balker, N. T. Brown, Leslie H. Brown, Adam Bruce, J. A. Cairns, Roy P. Cooper, L. W. Colvin, E. Hunter, Walter Johnston, Hugh J. Kippan, N. M. Millan, Bert Newton, R. H. Pickard, T. E. Paterson, R. M. Roddick, Jas. S. Shier, Chas. A. See, R. T. Teasdale, R. T. Worden, Timman J. Williams, G. W. Waddell, Percy A. M. Wright.

Granted aegrotat, with pass standing—J. G. Denton, C. A. Leatherdale.

Starred in subjects—Pharmacy—W. C. Sweet, L. C. Armstrong, E. W. Elver, A. W. Garner. Latin and Posology—A. G. Burke. Botany—S. R. Hart, G. M. Walkey and E. P. Trebilcock. Chemistry—W. W. Ivel.

Highest in subjects—Pharmacy—F. Morrison, A. J. Brownlee, D. Rumph and G. W. Brant,

aeq. Latin and Posology—H. W. Martin and G. W. Brant, aeq.; R. E. Harrison and J. E. Souder and H. Richardson, aeq. Botany—J. E. Souder, A. Cornyn, R. H. Barber, A. J. Brownlee and A. Hamilton, all aeq. Physics—A. R. Lemon, Fred Morrison, R. C. Harrison, D. Rumpth, Reg. Harrison and H. Richardson, all aeq. Chemistry—J. E. Souder, Fred Morrison, E. T. Stewart, A. J. Brownlee, G. W. Brant, all aeq. Practical Chemistry—A. J. Brownlee, E. T. Stewart, J. E. Souder.

The supplemental examinations were held on January 3rd and 4th, 1905. The senior term commenced on January 5th, 1905.

SUPPLEMENTARY SENIOR EXAMINATIONS

The successful students at the 68th semi-annual senior examinations of the Ontario College of Pharmacy, held last month, were: Walter Ellis, Mount Forest; Elmer C. Griffis, Colborne; W. T. Hays, Seaforth; A. C. Jenkinson, Toronto; W. H. Lattimer, Belleville; F. J. Mundy, Penetanguishene; W. R. Wallace, Pembroke; W. Whitehead, Toronto.

MONTREAL COLLEGE OF PHARMACY EXAMINATIONS

The following are the results of the Christmas Examinations at the Montreal College of Pharmacy, the following students having passed in the several classes:

Botany—Geo. Virolle, Eleanor Sleeper, Ernest Drolet, W. J. C. Aubry, Kenneth Chalmers, F. J. McKenna, L. R. Gignac, Felix Paquet, L. D. McLaurin, A. Brunelle.

Junior Materia Medica—Eleanor Sleeper, Philip R. Thomas, H. A. Martin, Arthur Larose, J. Lewis Williams, F. J. McKenna, L. D. McLaurin, H. E. Hardisty, H. R. Hurt, W. J. McKenna.

Senior Materia Medica—Felix Paquet, J. B. Cousineau, Louis Lacasse, E. Lafreniere, Georgina St. Georges, Ovide Brault.

Junior Chemistry—Emile Bourbonnais, L. S. Desantels.

Senior Chemistry—Eleanor Sleeper.

The closing sessional examination will be held in March, 1905, when the marks then obtained will be added to those now obtained and will constitute the final standing of the classes.

MANITOBA PHARMACY EXAMINATIONS

At the recent minor examinations of the Manitoba Pharmaceutical Association the following passed successfully: R. R. Webb, L. E. Mullet, G. S. Brown, Miss M. George, R. T. Hoskin, G. A. McCnaig, E. W. Martin, M. E. Hingston, C. Roholt, E. D. Calvert, W. R. Black, T. Little, E. A. Mitchell, W. R. Cosgrove, T. H. Fletcher, G. McKay, T. R. Blaine, A. A. Birnes, R. G. Young, G. A. Calvert, W. M. Lamont, R. E. Jamieson, J. T. Campbell, J. P. Rooney and W. J. M. McMullen.

QUEBEC PHARMACEUTICAL ASSOCIATION

PRELIMINARY EXAMINATIONS

The preliminary board of examiners of the Pharmaceutical Association of the Province of Quebec held their quarterly examination for students entering the study of pharmacy, on Thursday, January 5th, 1905. Nine candidates entered their names for this examination. Of these two defaulted and three passed, the successful candidates being named in order of merit, namely, Louis Giroux, Samuel Boulkind and J. B. Waddell.

The examiners were Professor J. O. Cassegrain of the Jaques Cartier Normal School and Isaac Gammell of the High School, Montreal. The next examination will take place on April 6th, 1905.

MONTREAL DRUGGISTS MEET

A special meeting of the retail druggists of Montreal was held January 11th in the College of Pharmacy. The object of the meeting was to consider the advisability of uniting with the drug sections of the Retail Merchants' Association of Canada, which has a large membership throughout the Dominion. This association is composed of all classes of retail merchants, and is organized for the purpose of protecting the commercial interests of the retail trade. It is composed of branches and sections, and it is the intention of the officers to form an active branch in Montreal.

Mr. A. E. Walton, provincial chairman of the Drug Section of the province of Ontario, addressed the meeting and explained the work that has been carried out throughout the Province of Ontario, and showed the advantages that had been gained by organization.

Mr. C. S. Tinling, of Hamilton, Ont., representing the Ontario branch of the Wholesale Druggists' Association, impressed upon the members the need for closer relationship between the manufacturers, wholesalers and retailers, and he urged the necessity of uniting with their fellow druggists throughout Ontario.

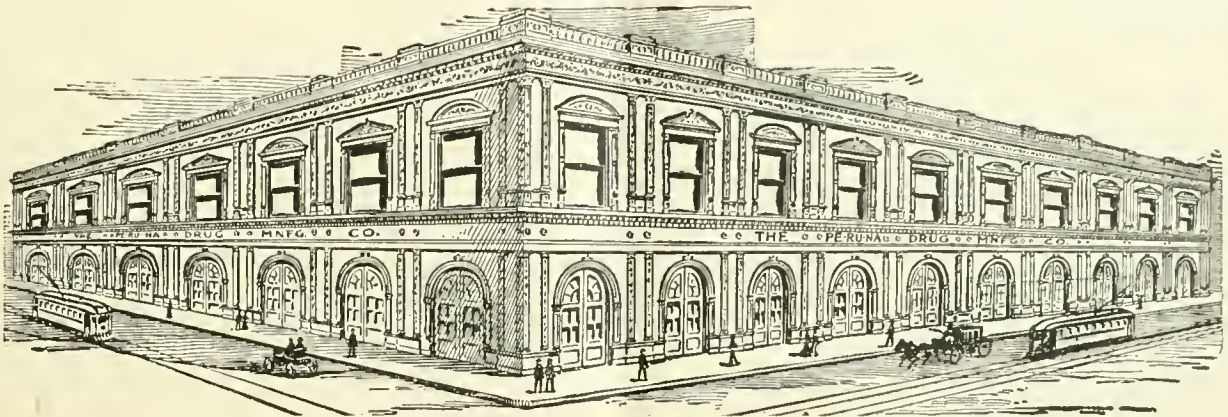
Mr. E. M. Trowern, Dominion Secretary of the Retail Merchants' Association, explained the aims and objects of the Association. He stated that their Association had had legislation passed two years ago in the Provincial Legislature of Ontario to abolish trading stamps, and they were also successful in winning an appeal in the High Court. He stated that the members from Ontario were willing to aid the retail merchants of Montreal if necessary in endeavoring to sustain the trading stamp legislation that they had secured there, and which was now attacked. He stated that he would shortly visit Montreal again and address a general meeting of all retail merchants and explain the Dominion legislation that the Association desired to obtain at the present session of the Dominion Parliament. His address was listened to with great interest, and a special committee was appointed to arrange for a further meeting, so as to make arrangements to affiliate with the Dominion body.

A SEVERE WINTER PREDICTED

Indicating an Increased Demand
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DEMAND



BEST
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New Italian Renaissance Administration Building of Peruna Drug Manufacturing Company

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... SIX DOLLARS SAVED ...
By Buying One Gross.

READ THE SCHEDULE:

1 Dozen Pe=ru=na	=	=	=	\$8.50
2 Dozen Pe=ru=na	=	-	=	8.25
12 Dozen Pe=ru=na	=	=	=	8.00

Wise Druggists Will Take Advantage of Rates
on Large Orders to Stock Up at Once.

Lyman's Confectionery

In 5-lb. Glass Stoppered Bottles

Acid Drops	Cough, Menthol	Mixed Fruit
Acid Drops, Small	Everton Toffee	Nut Butter Cups
Butter Scotch	Horehound	Orange
Chocolate	Lemon	Pineapple
Cough, Light	Strawberry	Raspberry
Cough, Dark	Lime	

These Tablets are giving entire satisfaction, as they are a good quality and at a popular price.

LYMAN'S COUGH DROPS in 20 lb. Tins

Light Cough	Dark Cough	Menthol Cough	Wild Cherry Cough
Horehound	Honey	Menthol and Eucalyptus	

FINEST QUALITY—PLACE YOUR ORDERS NOW

The LYMAN BROS. & Co., Limited
TORONTO

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Absorbent Cotton,
Gauzes, Bandages,
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Pharmaceuticals,
Rubber Sundries
and
Surgical Supplies.

Write us for quotations on Cotton in
100 to 500 lb. lots.

We solicit your trade for 1905.

Mail orders receive prompt attention.

Trade Notes

J. H. Clarke, druggist, Fort William, Ontario, died last month.

G. W. DeLong has opened a new store at Cayley, Alberta, N.W.T.

Joseph Woods, druggist, Rat Portage, Ontario, died suddenly January 3rd.

W. W. Lane is opening a new drug store at Sydney, Cape Breton, N.S.

Pearen & Co., druggists, Weston, Ontario, suffered loss by fire last month.

The assets of J. E. Barnabe, druggist, Montreal, Quebec, have been sold.

Dr. Constant Loisean, druggist, Montreal, Quebec, has sold out his business.

John Cowan, manufacturer of chemicals, Montreal, Quebec, died last month.

The Austin-Murdoch Co. has opened in druggists' sundries in Winnipeg, Man.

The Thomas Drug Co. has opened a new drug store at Phoenix, British Columbia.

C. E. Shaw, druggist, Wapella, Assiniboia, N. W. T., has moved into his new store.

W. R. Inman & Co., druggists, Winnipeg, Manitoba, have assigned to C. H. Newton.

J. P. Hennessey has purchased the drug business of J. A. Zimmerman, Hamilton, Ont.

S. S. Eversfield has purchased the drug business of J. J. Johnson, Cardston, Alberta, N.W.T.

Joseph Octave Charlebois has registered as the Canadian American Pharmacy, Montreal, Quebec.

C. J. Blackader has purchased the drug business of Warren S. Parker, Canning, Nova Scotia.

It is reported that Mr. Oliver of Killarney is about to open a drug store at Holmfield, Manitoba.

Arkell & Co., druggists, Carberry, Manitoba, are opening a branch at Davidson, Assiniboia, N. W. T.

The stock of Lecours & Decary, druggists, Montreal, Quebec, was damaged by fire recently. Insured.

J. J. Turnbull has purchased the drug business of J. T. Elliott, Sydney Mines, Cape Breton, N. S.

J. W. Sutherland, manufacturer of soda water, Hamilton, Ontario, suffered loss by fire last month. Insured.

E. Senecal & Co., druggists, Montreal, Quebec, have assigned. Chartrand & Turgeon have been appointed curators.

Slight damage by fire was caused to the stock of F. W. Mair, druggist, Woodstock, New Brunswick, last month. Insured.

Arthur Alex. Robinson, chief agent, has registered as F. E. Atteaux & Co., dye stuffs and chemicals, Montreal, Quebec.

Pettingell & Van Valkenburg, Limited, is the title of an incorporated company who have commenced business at Regina, Assiniboia, N. W. T., as druggists and dealers in books, stationery, photo supplies, etc. Mr. W. G. Pettingell was for seven years vice-president of the Canada Drug & Book Co. Mr. W. M. Van Valkenburg, an O. C. P. graduate, was also with the same firm.

The Pulford-Leonard Drug Company, Winnipeg, Manitoba, is successor to the Pulford Drug Company. Mr. Walter Pulford is president and general manager; Mr. D. W. Bradshaw, manager of the retail store in Winnipeg; Mr. J. R. K. Graham, in Brandon; Mr. Wilkie Collins, in Morden; Mr. E. M. Sanders, in Carman, and the manager at Stonewall will be appointed later. It is the intention of the company to carry on a wholesale and manufacturing business in Winnipeg besides its five retail stores throughout the province.

COMPANIES

The Veterinary Specialty Co. has been incorporated; capital, \$40,000. Head office, Collingwood, Ontario.

The firm of C. Steeper & Co., manufacturers of aerated waters, Brockville, Ontario, has been dissolved, Chas. Steeper continuing the business.

Ed. Coulombe & Louis Andre Bidegare have registered as Coulombe & Bidegate, aerated waters, Quebec City, Quebec.

The assets of the London Rubber Co., Montreal, Quebec, have been sold.

MEETING OF DRUG SECTION

The regular monthly meeting of the Toronto Drug Section of the Retail Merchants' Association of Canada was held on Thursday afternoon, December 8th, 1904, with A. E. Walton in the chair.

Mr. Brick, manager of H. K. Wampole & Co., addressed the meeting, stating that although his firm had joined in the Price Contract Plan the druggists were not handing out Wampole's Tasteless Preparation of Cod Liver Oil when it was asked for. He thought it unfair and would like the section to advise him as to a remedy. The above referred to druggists throughout Canada as well as in Toronto.

Mr. Flett moved, seconded by W. J. A. Carnahan, that a committee consisting of Messrs. Walton, Jno. Hargreaves and G. M. Petrie be appointed to draft a letter, urging every druggist to be fair to Price Contract goods and to hand

them out when asked for, and that a copy of this letter be sent to all Toronto druggists and also be published in the journals. Carried.

The schedule for pricing subscription work was next taken up and after some alterations was finally adopted.

It was then moved by Mr. John Hargreaves, seconded by Mr. McLean, that the list for computing the prices for dispensing as recommended and adopted by this meeting be printed and sent in duplicate to every druggist in Toronto, requesting each one to signify his willingness to agree to its adoption by signing the same and returning one copy to the secretary of the section, and that he retain the other copy and display it in a conspicuous place for use by his dispensers. Carried.

The meeting then adjourned.

The regular monthly meeting of the Drug Section of the Retail Merchants' Association of Canada, Toronto Branch, was held in their board room on January 5th, at three o'clock, a large attendance present. The minutes of the last meeting were read and confirmed. A report of the Contract Plan meeting was brought in by the chairman, Mr. John Hargreaves, who stated that one or two complaints had been received. That one proprietor, whose goods were on the Contract Plan were being sold below the marked price. Immediate action was taken by the committee, and the violators of the contract have promised to stop at once.

Under the head of new business Mr. Hargreaves moved, seconded by Mr. McLean, "That this Association hereby place on record the fact that the druggists of Toronto decline to recognize free samples, coupons, etc., for any proprietary medicines, and to refuse to give away free samples of any proprietary medicine that is not marketed on the Contract Plan."

The Trade Improvement Committee reported that they had spent two and a half days meeting with the Wholesale Association, discussing the new agreement with the manufacturers. A great many points of difference had been cleared up and the chief difficulty that appeared in the way of arriving at a settlement earlier was that the manufacturers considered that they should have been consulted before the joint agreement had been offered for signature. They hoped, however, to have all the points of difference amicably settled at a very early date, as the Retail Committee had received excellent encouragement from the members throughout the Dominion, and they were determined that no effort should be spared on their part to accomplish the purpose they had started out to obtain, namely, to prevent price-cutting.

The report was received with loud applause. A special committee was reported to arrange for an At Home to take place during the first week of February, when an invitation would be given to the members of the Ontario College of Pharmacy who would be in the city at that time.

The following officers were then elected for the coming year: Drug Section—Chairman, W. J. A. Carnahan; 1st vice, D. E. S. Munro; 2nd vice, C. H. Cowan; treasurer, W. G. Becker; secretary, G. M. Petrie.

A SUPERIOR INK

An analysis of the famous "Japanese" brand writing inks manufactured by the Colonial Ink Co. of Peterborough, Canada, was recently made by Mr. McGill, the analyst of the Inland Revenue Department at Ottawa.

He reports that the "Japanese" writing ink is superior to the best English and American inks in permanence and general utility. This is a new ink made in Canada and it is gratifying to know that Canadian goods take first place. We recommend the reader to give this ink a trial.

INVALIDS' PORT WINE

Wilson's Invalids' Port Wine is well known as not only being a nutritious beverage, but also as one of the most efficacious remedies of the present age for anaemia, dyspepsia, la grippe, nervousness, loss of appetite, sleeplessness, indigestion and all diseases or affections which require a mild tonic or stimulant, and can be given in perfect safety to children, to the aged and the infirm. The principal ingredient in this preparation is Cinchona bark, well-known for its tonic, febrifuge and antiperiodic qualities. The port wine used is specially prepared in Portugal and is perfectly pure. In cases of asthma, hoarseness and loss of voice accompanying bronchitis, Wilson's Invalids' Port has been found very beneficial.

LAZARRE'S HAIR RESTORER

This preparation is steadily winning its way into popular favor on its merits, and being put up in a very artistic package, it naturally attracts the attention of customers when displayed on the counter. Those who have once used it come back for more and it brings in a splendid profit to the retailer. It is advertised in this issue by the Dominion Drug Co., Hamilton, who will be pleased to send a sample and quote prices on application.

DOMINION ALMANAC

The Dominion Almanac for 1905, published by the Dominion Drug Co., Hamilton, will be out very soon, and in connection with it this firm have a proposition to make to the druggists of the Dominion. Particulars will be furnished on receipt of name and address if sent in at once.

Australian SHEEP DIP AND CATTLE WASH NON-POISONOUS

Australia Sheep Dip Co., Sydney, Aus.

Sole Proprietors and Manufacturers.

AGENTS FOR CANADA:

KERRY, WATSON & CO.,

Montreal and London, Canada.

Our Hearty New Year Greetings

are extended to all our
retail brethren, having in special
remembrance those who have kindly
favored us with their
patronage,
and to whom we also tender grateful
acknowledgments.

For one and all we wish
a year singularly marked by
happiness, prosperity, and
advancement.

Our representatives will soon solicit
your orders for sundries for early delivery
to assort and also for delivery next fall.
We hope for your preference and for your
bookings when our samples are shown.

Please remember always that we make
a special point of handling all orders
received by letter as though they had
been given in person at our office.

The ELLIOT & CO., Limited
5 Front St. East
TORONTO

FISCHER
SELF-ADJUSTING
BUNION PROTECTOR

**100 Per Cent.
Profit**

FOR THE RETAILER.



A simple leather device that
sells on sight. Advertised in
all of the larger magazines and
in great demand with con-
sumers.

Special Offer to the Trade

PER DOZ. PRS. \$6.00

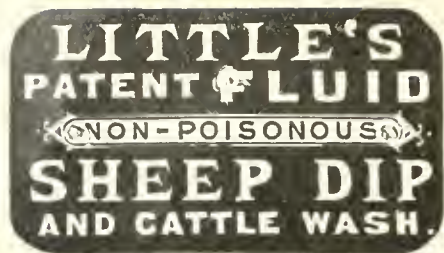
(Retail Price \$1.00 per pair)

FISCHER MANUFACTURING CO.,

996 Clinton Street, MILWAUKEE, WIS.

Manufacturers of Fischer Bunion Protector,
Fischer German Foot Powder, etc.

Send for **SAMPLES** and **LITERATURE**



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

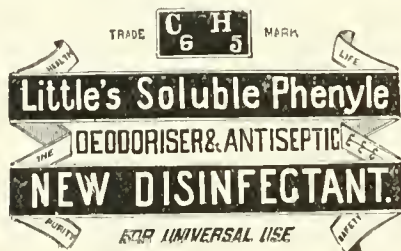
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Man.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb. pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt

"The Ideal Plaster"

Ankers' Bouillon Capsules

✻ Evans' Coughnomores ✻

4 lb. bottles.

Evans' Special ✻ Norway Cod Liver Oil ✻

EVANS AND SONS

Limited

MONTREAL NEW YORK TORONTO

Correspondence

POSTAL REGULATIONS AS TO DRUGS

Editor, Canadian Druggist, Toronto:

Dear Sir,—I have read your last number with much pleasure and note particularly the article, "Drug Regulations for Norway," on page 623. These regulations as adopted by the postal authorities of the Norwegian Government show wisdom in their enactment and are such as our Government at Ottawa is looking for as well as for all liberal ideas. Why not ask the Postmaster-General to make the same rule in Canada?

Yours truly,

A. Bonillon, M.D.

Matane, Que., Dec. 14th, 1904.

BREATHLETS

The Breathlets Company, Limited, of Windsor, Ont., have increased their capacity and are now equipped with a complete coating plant which enables them to turn out Burnett's "Breathlets" in unlimited quantities for the Canadian trade. This little item is being extensively advertised and their American plant, located in Detroit, Michigan, is the largest exclusive Breath Perfume plant in the world, where they have every modern facility for turning out a perfect article. The filling machines are a wonder in themselves, having a capacity of filling, sealing and counting fifty packages per minute per each machine. Their success is largely due to the large profit they pay the retailer and the novel advertising methods they adopt.

SILK AND DAMASK PAPERS

When one sees what beautiful effects are produced with the new silk and damask papers, it is not hard to realize why this class of wall hanging has grown into such general favor. Dealers should see that their stock is well assorted in this line, as they prove ready sellers and stand a good profit. Stauntons, Limited, Toronto, have succeeded in producing some of the best treatment we have seen this year in silks and damasks. The line is large and well assorted.

The Staunton goods generally have been deservedly popular, so much so that notwithstanding a larger output to date they have been forced to run their plant to its full capacity until 10 o'clock p. m. during December.

LITERARY NOTE

"Correct Writing and Speaking," by Miss Mary A. Jordan, Professor of English Literature in Smith College, is just published by A. S. Barnes & Co., in the popular "Women's Home Library," edited by Miss Margaret E. Sangster.

HOT DRINKS FOR SODA FOUNTAINS

Chocolate Drinks, Hot or Cold

1. HOT COCOA

Soluble cocoa 2 teaspoonfuls
Hot water sufficient.

Mix and dissolve.—N. D.

2. HOT CHOCOLATE

Hot chocolate syrup 2 ounces
Sweet cream 4 drams
Hot water to make 8 ounces

Mix chocolate and cream, add the hot water, and top off with whipped cream.—Anon.

3 HOT CHOCOLATE

Soluble powdered chocolate ...1 teaspoonful
Loaf sugar 4 cubes
Prepared milk 1 dessertspoonful
Hot soda, q. s. to make.....8 ounces
Whipped cream 1 tablespoonful

Dissolve the chocolate in a little of the hot soda, add the sugar and milk, then the rest of the hot soda, and top off with whipped cream.—Cummings.

4. CHOCOLATE AND MILK

Chocolate syrup 2 ounces
Sweet milk, sufficient.

Fill a glass half full of shaved ice, put in the syrup and add milk until the glass is almost full. Shake well and serve without straining. Put whipped cream on top and serve with straws.

5. CHOCOLATE FRAPPE

Frozen whipped cream.
Chocolate syrup aa. sufficient
Shaved ice 2 ounces

Fill a glass half full of frozen whipped cream, fill with shaved ice, nearly to the top, and pour in chocolate syrup. Other syrups may be used if desired.

6. ROYAL FRAPPE

Consists of 3 parts black coffee and 1 part of brandy, frapped in a cooler, and served while in a semi-frozen state.

7. HOT COCOA

Make the syrup by taking four ounces of light soluble soda, two pounds of granulated sugar, one quart boiling hot water and one ounce vanilla extract. Dissolve the cocoa in the hot water by stirring, then add the sugar and dissolve. Strain, and when cold add the vanilla extract. To dispense, take two ounces of cocoa syrup and one ounce of cream. Turn on the hot water stream and stir while filling. Top with whipped cream.—Soda Fountain.

Tea Extracts, Syrups and Drinks, Hot and Cold

1. EXTRACT OF TEA

Best Souchong tea 175 parts
Cinnamon 3 parts
Cloves 3 parts

*National Druggist.

Vanilla	1 part
Arrack	800 parts
Rum	200 parts

Coarsely powder the cinnamon, clove, etc., mix the ingredients and let macerate for three days, then filter, press off and make up to 1,000 parts, if necessary, by adding rum.

The Souchong may be replaced by any other brand of tea, and the place of arrack may be occupied by Santa Cruz or even New England rum, but the mixture indicated is by far the most elegant.

The addition of fluid extract of Kola nut, not only improves the taste, but gives the drink a remarkably stimulating property that is not followed by lassitude in the users thereof. The preparation mingles and makes a clear solution with either hot or cold water, and keeps well.—French.

2. TEA EXTRACT

Tea, any desirable variety	16 ozs.
Glycerin	4 ozs.
Alcohol	8 ozs.
Hot water	4 pints
Water, sufficient to make.....	1 pint

Reduce the tea to a powder, moisten with sufficient of the glycerin and alcohol mixed, with 4 ozs. of water added; pack in a percolator and pour on the alcohol (diluted with glycerin and water) until 12 ounces of percolate have been obtained. Set this aside and complete the percolation with the hot water. When this has passed through evaporate to 4 ozs. and add it to the percolate first obtained.—Eberle.

3. TEA SYRUP

Tea, green or black	4 ounces
Sugar	2 pounds
Water	2 pints

Mix and bring to a boil; strain. Use 2 ozs. of syrup in a soda glass half full of ice, and fill with soda.—Foy.

4. TEA SYRUP, FOR HOT OR COLD USE

Tea, extract as above	100 parts
Simple syrup	150 parts

Mix.

5. TEA SYRUP

Good black tea	3 ounces
Boiling water	24 ounces
Sugar, granulated	24 ounces

Pour the boiling water on the tea in a porcelain or earthenware vessel, cover closely and infuse for five minutes.

Pour one pint of this infusion (adding more boiling water if necessary to make up the measure) through a coarse straining cloth, without pressure. In this dissolve the sugar by agitation. For iced tea use 1 ounce of this syrup, $\frac{1}{4}$ ounce

fresh lemon syrup, 2 teaspoonfuls powdered sugar, 2 teaspoonfuls of crushed ice and 1 slice of lemon. Draw on soda with a coarse stream, stir with spoon, and serve in a large glass.—Eberle.

6. HOT TEA

Loaf sugar ..	4 cubes
Extract of Oolong tea, about.....	1 dessertspoonful
Prepared with milk about.....	1 dessertspoonful
Hot soda	1 cupful
Whipped cream	1 tablespoonful

Mix the tea extract, sugar and prepared milk, pour on water and dissolve. Top off with whipped cream.—Lippincott.

7. HOT TEA

Tea syrup, as above, sufficient.	
Water	8 ounces

Mix.—Foy.

1. HOT BEEF TEA

Best beef extract ..	1 tablespoonful
Sweet cream ..	1 ounce
Water, hot	7 ounces
Pepper, salt, etc., q. s.	

Mix.—Foy.

2. HOT BEEF TEA

Extract beef bouillon	1 teaspoonful
Extract aromatic soup herbs.....	10 drops
Hot soda	1 cupful

Mix.—Cummings.

3. HOT BEEF TEA

Extract of beef	1 teaspoonful
Hot water, q. s.	
Pepper, salt, and celery salt.	

Mix.

POSTAL CONVENTION BETWEEN CANADA AND MEXICO

The postal convention between Canada and Mexico whereby letters, newspapers, and all except fourth-class matter, such as dry goods, groceries, hardware and such like, may be mailed to Mexico at the same rates as between two post-offices in Canada, went into effect on January 1st, 1905.

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The St. Louis Exposition awarded The Grand Prize to Apollinaris natural mineral water. This well-known water has received the highest award wherever exhibited, and more awards than any other table water. Apollinaris is bottled only at the spring and only with its own natural gas. The spring being at Neuenahr, Germany, Apollinaris was exhibited in the German Division and it is noteworthy that Germany made a brilliant record in the great number of awards it carried off.

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Montreal, Can.

December 1, 1903

TO THE DRUG TRADE:

We are pleased to announce that in order our many friends among the drug trade throughout Canada may be assured that our products supplied them will be identical with those emanating from our home laboratories, standard in quality, elegant in finish, accurate and permanent in composition, and that all preparations of our manufacture shall as well be promptly obtainable, we have recently had constructed and have now in operation at Montreal, under direct supervision and in charge of expert and competent chemists and pharmacists, who have had thorough and practical training in our home laboratories, a complete and well appointed laboratory, equipped with all the modern and improved appliances for the manufacture of our complete lines of pharmaceutical preparations, and hereafter all preparations emanating from our Canadian laboratories will bear across the label, in red letters, the imprint "LYMAN, SONS & CO., Canadian Factors, Montreal, Canada," and that hereafter and until further notice Messrs. Lyman, Sons & Co., of Montreal, will act as general distributors of the output of our Canadian laboratories, with The Lyman Brothers & Co., Limited, of Toronto, established as our distributing agents for central and western Ontario.

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We are,

Yours very truly,

John Wyeth & Brother
Incorporated

Pharmaceutical Examinations

ONTARIO COLLEGE OF PHARMACY

Junior Examinations

PHARMACY

Examiner:—Chas. F. Heebner, Ph. G., Phm. B.

Time Allowed:—2½ Hours.

1. Extraction. A botanic drug contains:—gum, albumin, pectin, tannin, sugar, starch, volatile and fixed oil, resin, chlorophyll, cellulose and an alkaloid; mention the constituents that would be removed by extraction with (a) ether (b) cold water (c) boiling water (d) rectified spirit.

2. Give specific gravity and strength of each of the following:—(a) Aether Purificatus; (b) Liq. Ammoniae Fortis; (c) Chloroformum; (d) Glycerinum; (e) Syrupus Ferri Iodidi; (f) Spiritus Rectificatus.

3. (a) Why is solution of ammonia used in purifying ammonium chloride (b) ice in preparing diluted hydrobromic acid (Fothergill's) (c) potassium hypophosphite in preparing syrup hydriodic acid (d) cold water rather than boiling water in preparing infusion calumba (e) tartaric or citric acid in preparing effervescent salts.

4. State how the following should be stored and give reasons:—(a) Syrup Ferrous Iodide (b) Liquor Chlori (c) Sodii Carbonas (d) Calcii Chloridum (e) Acidum Hydrocyanicum Dilutum.

5. Metrical System. Give equivalents for (a) one Imp. fluid ounce (b) one inch (c) one grain; also equivalents (Customary System) for (d) gram (e) cubic centimeter (f) meter (g) Add and reduce the amount to Av. weight:—2½ Kilos., 25¼ D.Gm., 5008 m.Gm., 56¾ H.Gm., 32 d.Gm., 86¼ Gms., 2 M.Gm.

6. Specific Gravity. (a) Determine the specific gravity of a water-soluble substance weighing 6 Gms.; in purified ether it weighs 4.5 Gms. (b) How many grams of official sulphuric acid will a half-liter flask hold? (c) What size of bottle will contain 30 Av. ozs. of official concentrated phosphoric acid?

7. Mention the forces that operate during the process of extraction by percolation, and state the effect of each.

8. Differentiate between:—(a) ℥ and oz., (b) lb and lb., (c) ℥ and f℥ (d) f℥ (wine) and f℥ (Imp.), (e) O (Wine) and O (Imp.), (f) d.M. and D.M.

9. Write the following prescriptions with approximate customary equivalents:—

R: Quinine sulphatis	4	} 065
Strychnine sulphatis		
Tincture ferri perchloridi	12	
Liquoris glusidi	6	
Tincture aurantii recentis.....	2	
Glycerini	48	} 128
Aquam ad.		

M. ft. mist et sig:—Capiat coch. parv. ex. ac.
t. i. d. p. c. et Mitte :—

Emplastrum Belladonnae in alutam, 10c.m.
x 15c.m.

10. Define and give examples:—(a) Filtration; (b) Fractional Distillation; (c) Destructive Distillation; (d) Species; (e) Calcination.

PHARMACEUTICAL LABORATORY

Examiner—Chas. F. Heebner, Ph. G., Phm. B.

Time Allowed:—Two Hours.

N.B.—Neatness of work, order of arrangement and cleanliness of working desk and outfit, will enter as important factors in your ratings.

1. Determine the extractive in the liquid preparation (submitted in smaller bottle) and report according to the following form:—

- Quantity of liquid taken for investigation.
- Quantity of extractive found.
- Percentage indicated.
- Write out method used in determining extractive, and exhibit all figures used in calculations.

2. Determine the specific gravity of the liquid (in larger bottle) and submit a report of your results in accordance with the subjoined form:—

- Substance labeled.
 - Weight taken for investigation.
 - Weight of an equal volume of water.
 - Specific gravity of substance.
- Exhibit figures used in the above calculation.

CHEMISTRY

Examiner:—Graham Chambers, B.A., M.B.

Time Allowed:—2½ Hours.

1. Define acid, base, dissociation, law of constant proportion, oxidation, electro-negative element, Avogadro's law.

2. Calculate the weight of 200 litres of oxygen, measured at 20°C and 700mm. barometric pressure.

3. What weight of ammonium nitrate is required to prepare 100 litres nitrous oxide measured at 30° C and 800 mm. barometric pressure.

4. Complete the following quotations:

- $\text{Cu} + \text{H}_2\text{SO}_4 =$
- $\text{Cu} + \text{HNO}_3 =$
- $\text{KOH} + \text{P} + \text{H}_2\text{O} =$
- $\text{As}_2\text{O}_3 + \text{HNO} + \text{H}_2 =$
- $\text{P} + \text{Br} + \text{H}_2\text{O} =$

5. Write the formulae of the following compounds: metaphosphoric acid, fuming sulphuric acid, arsine, liquid hydride of phosphorus, nitrous anhydride, thiosulphuric acid.

6. Give an account of the chemistry of ammonia.

7. Describe briefly the chemistry of hydrogen peroxide, and also of nitrous oxide.

8. Give the preparation of each of the following: hydriodic acid, hydrogen sulphide, sulphur trioxide, orthophosphoric acid, red phosphorus.

9. Write formulae of compounds illustrating the relationship of nitrogen, phosphorus, and arsenic.

BOTANY

Examiner:—Paul L. Scott, M.B.

Time Allowed:—Two Hours.

1. Define the terms:—

Plumule, Epiphyte, Stoma, Trichome, Scape, Pileorhiza, Leaf Cycle, Axil, Monoecious, Pentandrous, Entomophilous, Mesocarp.

2. Illustrate by a diagram the structure of an ovule, naming the various parts.

3. Describe the arrangement and modifications of protoplasm found in a plant cell.

4. Describe the structure of a fibro-vascular bundle.

5. Illustrate by a diagram:

(a) A legume.

(b) A corn.

(c) An apetalous pistillate flower with hypogynous calyx.

(d) Circinate vernation.

(e) A raceme.

(f) A flower with a gamopetalous corolla, extrorse stamens and an inferior, syncarpous ovary.

PRACTICAL CHEMISTRY

Examiner:—Geo. A. Evans, Phm.B.

Time Allowed:—2½ Hours.

1. Detect base and acid in substance marked A.

2. Detect base and acid in substance marked B.

3. Before passing in hydrogen sulphide in Group II. the solution should be acidulated. Can there be too much or too little acid present? State your reasons in each case.

4. Why is barium chloride a more delicate test for a sulphate than calcium chloride?

5. When the solution to be tested for the acid radical has been prepared by removing the metal with sodium carbonate why is it necessary when acidulating it to first boil off the carbon dioxide before adding, say, barium chloride or silver nitrate?

6. What gas other than CO₂ gives a white ppt with lime water? How may the two gases be distinguished from each other?

7. In the "brown ring test," why should the mixture of sulphuric acid and the nitrate be cold before coming in contact with the ferrous sulphate?

Note.—Every reaction indicated in your report of analysis of Specimens A and B should be illustrated by an equation.

PHYSICS

Examiner, Graham Chambers, B.A., M.B.

Time allowed, 2½ hours.

1. Define latent heat of fusion of ice, specific heat, calorie. How many calories of heat are

required to convert a kilogramme of ice 0 deg. C to a kilogramme of steam 100 deg. C?

2. Define dispersion of light, optical centre of a lens, achromatic lens, virtual image.

3. Draw a diagram, showing the position of the image of an object placed between a convergent lens and its principal focus.

4. State the laws of reflection of light; and draw an image of a point placed in front of a plain mirror.

5. State Boyle's law, and describe an experiment by which it can be proved experimentally.

6. Make a drawing and explain the action of the common lift pump.

7. Explain ion, positive plate, anode, electrolysis, electrolyte, ohm.

8. How is the polarization of the negative plate prevented in each of the following cells: Grove's, Daniel's, Grenet's?

9. Describe the camera, and draw a diagram illustrating the position of the image on the sensitized plate.

LATIN, POSOLOGY, ETC.

Examiner, J. T. Fotheringham.

Time allowed, two hours.

1. Give English for following abbreviations:—pro rat. aet., ph. pr. conc., more dicto, p. r. n., hor. vjta vesper.

2. Name the case of each noun in the following, and give rule of syntax governing it:—

Recipe Tincturae Asafoetidae drachmam unam Sig. Hora somni sumenda.

3. Describe briefly, or by diagram, the course of the blood through the heart.

4. Name as briefly as you can, preferably in tabular form, the various ways in which drugs may be administered.

5. Write brief notes on the structure and functions of the red and the white blood corpuscles.

6. What is the difference between a Secretion and an Excretion? Name the important excreting organs of the body, and write a note on their chief excretions.

7. Define and explain the following terms:—

Narcotic, Tonic, Stimulant, Anaesthetic, Idiosyncrasy.

8. Give dose of each of the following preparations:—Acet. Scillae, Ac. Salicyl, Aq. Anisi, Decoct. Aloes Co., Ext. Cannab. Ind., Ext. Nuc. Vom., Ext. Ergotae, Ext. Rhei, Infus. Buchu, Infus. Digitalis, Liquor Arsen. Hydrochlor., Liquor Calcis Sacch., Liquor Atrop. Sulph., Liquor Hydrarg. Perchlor. Liquor Morph. Acet., Liquor Quassiae Concent., Liquor Trinitrini, Mist. Ferri Co., Ol. Crotonis, Ol. Phosphoratum, Ol. Santali, Pil. Saponis Co., Pulv. Antimonialis, Syr. Codeinae, Tr. Digitalis.



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—*The Lancet*, August 13th, 1904.

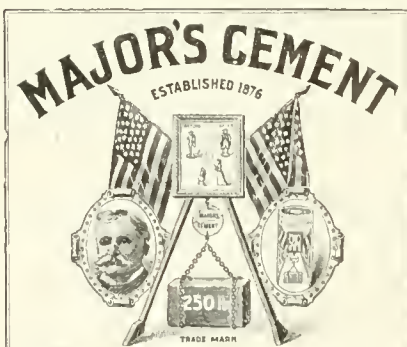
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British Medical Journal, October 1st, 1904.

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B. C. PHARMACEUTICAL ASSOCIATION

Examinations

The Board of Examiners of the British Columbia Pharmaceutical Association met in Vancouver and conducted the examination for apprentice, clerk and pharmacist. The following gentlemen successfully passed:

Preliminary, F. G. Murphy; minor, G. Lyall; major, C. W. D. Gillanders, J. P. Bengé.

The papers set at the Major Examination were as follows: •

CHEMISTRY

Senior Paper. Time, 2 hours. H. H. Watson, Examiner.

(1) Prepare Sulphurous Acid. How could sulphites be detected in the presence of sulphides and sulphates?

(2) Give outlines of the manufacture of Sulphuric Acid, using symbols.

(3) Describe the process for the preparation of Caustic Potass.

(4) Give symbol of Boracic Acid and illustrate symbolically the process of its preparation.

(5) How is Arsenic separated from its ores?

(6) What is meant by a metallic salt?

(7) Required 500 tons of Hydrochloric Acid, what will be the weight of Salt and Sulphuric Acid needed?

(8) Define Inorganic Chemistry as contrasted with Organic Chemistry.

(9) What is the formula, source and molecular weight of Acetic Acid, and what is the relation of Acetic Acid to other acetates?

(10) State how oxalates are obtained, name the antidote for Oxalic Acid and describe its action.

PHARMACY

Time, 2 hours. H. H. Watson, Examiner.

(1) What is Formaldehyde and what are its uses?

(2) Prepare Gun Cotton and Nitro Glycerine; what are their uses in medicine? *

(3) Prepare Syr. Ferri. Phos. Co., Syr. Eastoni, Syr. Iodide Iron, Ung. Hyd. Nit.

(4) Prepare Linet. Crotonis, Lin. Tereb. Acet., Dect. Sarzae Co.

(5) Define glucosides and mention those of pharmaceutical interest.

(6) How is fluid magnesia prepared? From what is acid chrysophanic obtained and what is it used for? and give any B.P. preparations that it enters into.

(7) What are Emplastrum, Extracts, Infusions, Lotions, Liniments, Liquors, Fixed and Essential Oils, Spirits and unguentums?

(8) Give the source and uses of the following: Adeps, Fel Bovis, Ichthyol, Oil Morrhue, Cetacum and Pepsine.

(9) How are the following prepared: Emp. Lactae, Chloral Hydrate, Iodoform, Aether and Sac. Lact?

(10) Pharmaceutical Assaying; what is meant by it? What is your opinion of the practicability and usefulness of the operation? How would you ascertain if your Powd. Opium was up to strength? How could you detect adulteration in Powd. Opium and Powd. Rhubarb?

DISPENSING

John Cochrane, Examiner. Time, 2 hours.

Note.—The following prescriptions are to be dispensed, labelled and wrapped as if designed for patients. Neatness, cleanliness and despatch will be rated.

1. Thos. Dunbar.

R. Ext. Opii gr. x.
Acid Tannic. ʒi.
Finci Oxid. ʒss.
Paraff. Mollis. ʒi.
M. Ft. Ung.
Sig. Mod. praescript. dieb. alt. applic.

A.B.—M.D.

2. Miss Palmer.

R. Ol Ricini ʒiii.
Ol. Terebinth. ʒiss.
P. Acaciae 6q. s.
Syr. Simplic. ʒi.
Aq. Cinnam. q. s. al. ʒviii.

M. Ft. Emuls.

Sig. Coch. ampl. mane pr. de d. in d. ex cyath. vini Xeric. sumend.

R.M.—M.D.

3. J. D. Mason.

R. Ferri Sulph. Exsic ʒi.
Quin. Sulph. gr. xv.
Ext. Nuc. Vomicae gr. x.
Ext. Gentianae ʒss.
M. Fiant pilulae quinddecim.
Sig. Sumat unam statim post. jentac. et. coenam.

D.T.—M.D.

4. Mrs. James Peters.

R. Magn. Carb. ʒii.
Bismuth. Carb.
P. Carbo Ligni aa ʒi.
Pepsin (Scale) ʒss.
M. In pulv. octo divid.
Sig. Cap. unum A. C. ex lact.

M.A.—M.D.

5. Chas. Brown.

R. P. Potass. Chlor. gr. xxx.
Syr. Simplic. ʒi.
Ac. Hydrochlor. C.P. ʒi.
Aqua q.s. ad. ʒxii.
M. Ft. Gargarisma Chlorinata.
Sig. Omni. bih. more dict. utend.

C.A.—M.D.

PRESCRIPTIONS

John Cochrane, Examiner. Time, 2 hours.

1. Extend into full Latin and give English translation of:

AS THE PRINCIPAL DIET IN

Typhoid, Tuberculosis, Agalactia, Hyperchloric Dyspepsia, Diabetes and Kidney Disease, there is nothing as good as

Lacto-Globulin

It is retained and assimilated when every other form of food is rejected.

Lacto-Globulin contains in concentrated form all the digestive enzymes of fresh milk, and presents a practical result based on the researches of Concetti, Spolverini, Escherich, Noblecourt, Sevin and Pawlow on the soluble ferments.

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R. Pulv. Jalap.	3i.
Pulv. Fingib.	gr. xx.
Tinct. Card. Co.....	3iiss.
Magn. Sulph.	3i.
Aq. Pur.	3vi.
M. Coch. ampl. i sing. horis exhibeat. quaque vice phial. agitand. ut permisceatur pulv.	

2. Transpose the above R. into the Metric System, giving the exact equivalent of the quantities used.

3. How would you prepare:

(a) R. Ferri Sulph. Exsic.	5iiss.
Sodii Carb. Exsic.....	gr. xcv.
P. Acaciae	gr. l.
P. Tragacanthi	gr. xv.
Syr. Simplis.	5ii.
Glycerin.	Min. x.
Aquae	Min. xx.
M. Ft. Mas. Pil.	
(b) R. Succ. Conii	3ii.
Adep. Lan. Hydros.	3vi.
M. Ft. Ung.	

4. Write a prescription, giving the quantity of each ingredient in grains, for a two-ounce ointment, containing 1 per cent. of Carbolic Acid, 5 per cent. of Oleate of Mercury and 10 per cent. of Oxide of Zinc, using White Paraffin Ointment as a base.

5. (a) Extend into full Latin and give English translation of:

Feb. dur.; Ind.; Mic. paw.; Man.;
Omn. quad. hor.; Pugillus; Subinde;
Sesquihora; Sum. tal.; Har. pil. sum. iii;

(b) Give Latin translation for:

Let it be made according to art;
To be taken to-morrow morning;
Let it be divided into equal parts;
Every two days; By drops;

6. Define the following terms as applied to remedies, and give names of two remedies in each class.

Alteratives; Stimulants; Vermicides;
Refrigerants; Sternutatories; Anhidrotics;
Carminatives; Diaphoretics; Haemostatics;
Rube-faciens;

7. Write three prescriptions, each illustrating a different kind of "Incompatibility," and explain each one.

8. Give B. P., 1898, dose of:

Bismuth. Oxid.; Pilocarpin. Nit.; Liq.
Hydrarg. Perchlor.; Ext. Bellad. Alch.;
Argent. Nit.; Finc. Acet.; Acid. Tannic;
Salicine; Iodoform;

By subcutaneous injection of:—

Inj. Cocain. Hypoderm.

9 and 10 Oral Examination.

BOTANY

F. C. Stearman, Phm. B., Examiner. Time allowed, 2 hours.

1. Define briefly vegetable physiology. Value 10.

2. Of what uses and how absorbed are the fol-

lowing: (a) Phosphorus, (b) Nitrogen, (c) Iron, (d) Hydrogen and Sulphur. Value, 15.

3. Describe briefly and draw diagrams of (a) Tap Root, (b) Sessile Leaf, (c) Cyme, (d) Ament. Value, 15.

4. Define the following terms: (a) Bracts, (b) Node, (c) Bulb, (d) Bast, (e) Acuminate, (f) Cambium and Scape. Value, 15.

5. (a) What are the characteristics of the Compositae Family, (b) where principally grown, (c) name 2 official B. P. drugs under this head, and define therapeutic value, if any. Value, 10.

6. (a) Cell formation, (b) classify and give different forms, (c) write briefly on each form, (d) name 2 official alkaloids found in cell sap. Value, 10.

7. Under what head would the following fruits be classified: (a) Humulus, (b) Blackberry, (c) Juniper, (d) Pine Apple. (e) Give definitions of each classified one. Value, 15.

8. Pollination. (a) explain some ways that this may be effected, (b) does fertilization apply in any way to pollination? Explain fully. Value, 10.

MATERIA MEDICA

F. C. Stearman, Phm. B., Examiner. Time allowed, 2 hours.

1. Draw diagrams of the following starch grains, naming each one: (a) Curcuma, (b) Corn, (c) Maranta, (d) Cassava, (e) give a short description of the general origin of starches and uses. Value, 10.

2. Give full Latin name, habitat and natural order of the following: (a) Ipecac, (b) Ginger, (c) Tamarind, (d) White Mustard, (e) Myrrhae and Crocus. Value, 10.

3. Henbane. (a) give natural order, (b) plant name, (c) habitat, (d) describe fully the parts used, (e) medical properties, (f) name three preparations, giving doses. Value, 10.

4. Arnica Flowers. (a) give varieties, if any, (b) plant name, (c) where procured, (d) strength of B. P. tincture of root. Value, 10.

5. Rhubarb. (a) How many varieties are there? (b) which do you consider the best? (c) give plant name and principal source, (d) give proportion of rhubarb in Gregory's powder, (e) infusion rhei and Tr. of rhubarb comp. Value, 10.

6. Senega Root. (a) what are its medical properties? (b) write a short description of it, (c) give plant name and source, (d) name some common adulterations and a substitute, (e) name four B. P. roots that have the same therapeutic action. Value, 10.

7. Give the sources of (a) Cornutiny, (b) Caffeine, (c) Thymol, (d) Codiae, (e) Pepsin, (f) Guarana, (g) Elaterin, (h) Spartine, (i) Carmine, (j) Acetate Morphine, (k) Eserine. Value, 10.

8. Write full materia medica notes on Benzoin and Squills. Value, 10.

9. What are Gum Resins? (a) What is a characteristic of them? (b) name four B. P. official, giving plant name. Value, 10.

Oral, 10.

MANITOBA COLLEGE OF PHARMACY

Minor Examinations

CHEMISTRY

W. Young, Examiner. Time, 2 hours.

- (a) Explain the terms Osmosis, Diffusion and Capillarity.
(b) What is the difference between Dissociation and Decomposition?
(c) Define Latent Heat.
- State the laws of chemical combination.
- If 150 c.c. of gas are measured at 10 degrees centigrade and 500 m.m., what does the volume become at 16.4 centigrade and 520 m.m.?
- How much Potassium Iodide is required to prepare 63.5 grammes of Iodine? $t = 127$. $K = 39$.
- Give method for preparation of Phosphorus.
- Outline the method for the preparation of Hydrochloric Acid; also give strengths and possible impurities and tests for identity.
- State the Allotropic modifications of Carbon with their chemical and physical characteristics.
- Complete the following equations:
 - $MnO_2 + NaCl + H_2SO_4 =$
 - $Zn + H_2SO_4 =$
 - $Pb(C_2H_3O_2)_2 + ZnSO_4 =$
 - $NaNO_3 + H_2SO_4 =$
 - $Fe_2O_3 + H$ at red heat.

DISPENSING

A. Campbell, Examiner. Time, 2 hours.

- Miss Hunt.
R. Ferri Sulph. Ex..... gr. ii.
Poas. Carb. gr. ii.
M. Ft. Cap.
Mitte tales vi.
Sig. Cap. i ter in die post cib.
- Jas. Yoe.
R. Potas. Chlor. gr. iii.
Ac. Hydrochlor. C.P..... m.x.
Misce et adde.
Potas Chlor. 5ss.
Syrupi 5ss.
Aquae ad.....ii.5
M. Ft. Gargarisma Chlorinate.
Sig. Nocte et mane utend.
- Mr. French.
R. Quininae Sulph..... gr. xii.
Div. in pil Bo. xii.
Sig. Unam vel duas A.C. sum.
- Mrs. Cross.
R. Camphorae 5ii.
Liq. Ammon. Fort.....5vi.
Sp. Vini Rect..... 5ixss.
M. Ft. Lin.
Sig. Ap parte O.M.

MATERIA MEDICA

R. C. T. Collins, Examiner. Time, 2½ hours.

- What are the distinctive features of Alkaloids and Glucosides (1) chemically (2) nomenclature.
- Name the active principles of the following drugs: Belladonna, Squills, Digitalis, Opium, Rheum, Nux Vomica, Araroba, Ergot, Jaborandi, Sinapis, Calabar Bean.
- Give natural order, botanical source and parts used of following: Cannabis Indica, Ergot, Galls, Jalap, Black Pepper, Cinchona, Red Sandal Wood, Digitalis.
- Give the official names and habitat: Foxglove, Snakeroot, Bearberry leaves, Mandrake, Cloves, Rhatany, Flax seed, Logwood, Henbane, Nutmeg, Starch, Juniper Tar Oil, Indian Tobacco, Dandelion, Deadly Nightshade, Golden seal.
- Define and give one example of Analgesics, Hypnotics, Disinfectants, Alteratives, Styptics, Cholagogues, Antipyretics, Myotics.
- Jalapa—Give description, habitat, preparation and doses.
- Pepsin—Origin, method of preparation, characters and tests.
- Give medicinal properties and doses when taken internally of Opium, Belladonna, Digitalis, Rheum, Strophanthus, Kino, Aconite, Hyarastis, Cimicifuga, Ipecac, Caryophyllum Myrrh, Coca leaves, Cascara.

PRESCRIPTIONS

R. C. T. Collins, Examiner. Time, 2½ hours.

- Write out in full Latin and translate the following abbreviations: Coch parv. Aa. qs. ad. Ft pil xii. HD. PRN. Bid. Ft Collyr. F S A R. Ft garg. R. Ss. O. Gtt.
- Criticize. State what takes place; how to dispense. Write in full Latin:
 - Quin sulph.....5i.
Tr Catechu 5iiss.
Bis submit 5ii.
Elix simp.....ad. 5iv.
M.
Sig. 5i. OH iv.
 - Plumbi subacetat 5iii.
Tr opii 5iv.
Mucil Acacia 5iiss.
Aq. Ad. 5xii.
M.
Ft. Lotio.
Sig. Use as directed.
- Give full Latin titles and B.P. doses for following: Gregory's Powder, Alum, Wine of Antimony, Strychnine, Iodine, Sugar of Lead, Anti-febrine, Tar, Calomel Calcium Chloride, Scammony Resin, Liver of Sulphur, Laudanum, (full repeated dose), Donovan's Solution, Syrup of Chloral, Fowler's Solution, Corrosive Sublimate.
- Give treatment and antidotes for poisoning

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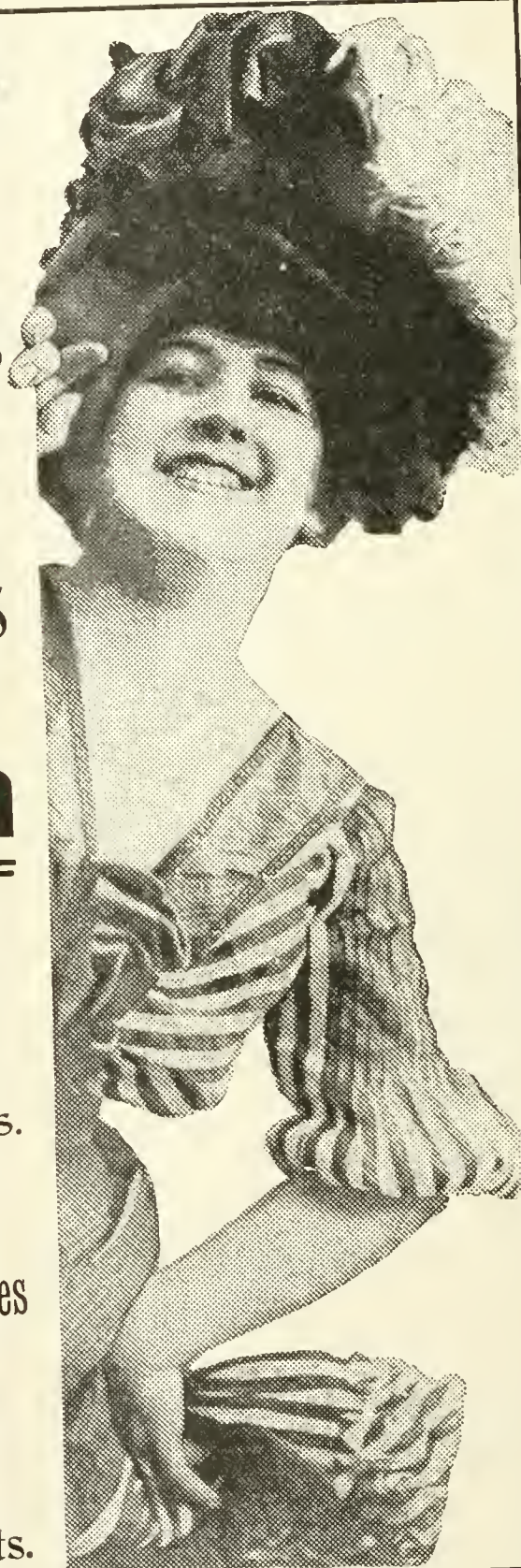
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Students in Pharmacy and Medicine

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5. Incompatibilities of following: Pot Chlor., Calomel, Iodine, Oleum Iini, Pot Permanganate, Spts Nitre, Borax, Tinct. Iron, Ammon. Carb.

6. Write formulae for Prescriptions:

(a) Giving answers approximately in metric system 4 oz. Sol of Morphine Sulphate, $\frac{1}{4}$ grain to 5i. 1 oz. 2 per cent. Ung. Hydrarg. flav.

(b) Give answers in English form for 6 oz. bottle of following lotion:

R Mercurous Chloride 0.685 gmms.
Glycerine 5cc.
Muc. Trag. 12.5cc.
Sol. Lime, to produce 100.cc.

PHARM/CV

A. Campbell, Examiner. Time, $2\frac{1}{2}$ hours.

1. Explain difference between Infusion and Decoction.

2. What should be the sp. gr. of a mixture of—

Glycerine (sp. gr. 1.26) 4 parts

Ether (sp. gr. 0.735) 4 parts.

Alcohol (Sp. gr. 0.834) 4 parts.

3. Express in grains, etc., the following:

Aloin 975

Podophyllin 1875

Ext. Aloes 15

P. Zingib. 75

M. et div in pil No. xii.

State how much Aloin is in each pill.

4. Reduce quantities in the following to make

a 4 oz. mixture of like proportions:

Phosphate Iron, U. S. ... 3 ozs. and 287½ grains.

Sulphate Quinine 1 oz.

Liq. Strych 2 1-3 fluid ounces

Syrup 40 fluid ounces.

Water, to make 1 gal.

How much Strychnine in each tablespoonful?

5. Describe briefly what is meant by the following: Disiccation: Commintion: Precipitation: Exsiccation: Percolation.

6. How may ordinary gas be burned so as to become a source of heat, rather than light. Name and describe a burner best suited for this purpose.

7. (a) How much Acacia would you use in 8 ozs. Emulsion, 50 per cent. Cod Liver Oil?

(b) How much Tragacanth for same?

8. (a) How many fluid ounces 95 per cent. Alcohol are required to make a pint of 70 per cent. Alcohol?

(b) How many parts 90 per cent. Alcohol and Water to make 60 per cent.?

9. Having a by-product containing Alcohol, how would you proceed to recover it?

10. Give B. P. doses of: Oil Anise, Nitrat Silver, Ac. Sulph., Arom., Soda Tart., Tr. Benzoin Co., P. Ipecac. Co., Cocaine Mur., Tr. Aconite, Tr. Conium, Tr. Nux Vom.

THE PRACTICAL DETAILS OF A COMMERCIAL COURSE IN A COLLEGE OF PHARMACY*

The chairman of a section of the association is, as he should be, responsible for the matter that is brought before it, and the writer has been quite willing to be led by the able gentleman here presiding, since to follow his leading, I honor myself and put upon him the responsibility for, at least, the caption and arrangement of this paper.

He asks for, "A contribution giving the practical details of the course, as worked out. Not a paper urging the step by other colleges, nor one treating argumentatively of its necessity, but one stating, for instance—

"How much time is devoted to the work.

"How the time is divided.

"How much stress, relatively, is laid upon the didactic and laboratory features.

"Which of these is more productive of results, and

"What particular things the students are required to do."

Although the authorities of the institution with which I have the honor to be connected have not been consulted, it is hoped no liberty has been taken with them in attempting to give this information.

TIME DEVOTED

The course covers one-half of a regular session of thirty-two weeks. Two and one-half hours, twice each week for sixteen weeks—eighty hours in all, are spent in trying to give students sufficient fundamental knowledge of business doings; enough commercial practice to enable them to meet the requirements of the vocation they have chosen, and in manual training, along pharmaceutical lines.

TIME DIVIDED

At each meeting with the students, from one-half to one hour has been devoted to what is intended to be a very practical talk, outlining and describing the work to follow. These talks, as often and as fully as may be, have been illustrated by blackboard forms and diagrams and by demonstrations. This would indicate, and properly so, that about two-thirds of the time is used in didactic and the balance in individual instruction and practice. In this latter work, the very necessary and valuable aid of an assistant has been enjoyed.

RELATIVE VALUE OF METHODS

This can scarcely be estimated from the special plan of instruction followed. Very little of it is the conventional didactic. The one is made to fit into the other or to fill in where practice is impossible. Often the hour is spent in enunciating

*Read before the Section on Education Legislation, A. Ph. A., by H. P. Hynson, Maryland College of Pharmacy, Baltimore.

ing principles underlying the practice offered; indeed, it would be quite difficult to separate the two or to successfully conduct the one without the other.

WHICH MOST PRODUCTIVE OF RESULTS

The foregoing would seem to answer this; and yet, the "material" acted upon has most to do with results. With the brighter students best results are secured from the combination of the didactic with the practical, while the dull student, of course, can be helped along only when you are near him and instructing him alone. By many students a proper entry, for instance, will be made upon verbal directions; in others it is almost a matter of tracing it, while holding the student's hand. The question of justice in the distribution of time to the members of an average class is one that must often trouble the conscientious instructor. Shall all share alike or should those most in need receive most?

EQUIPMENT

Before taking up the chairman's suggestion for the last and most comprehensive division, a few words may be interjected regarding what may be, as it has been, in one instance at least, a matter of some moment regarding the equipment for the course. Especially is this important if either space or expense, or both of these, must be considered. The pharmaceutical laboratory, as generally arranged in colleges, with its conventional counters, shelving and lockers, answers admirably for manual training, for the acquirement of strictly pharmaceutic technique. Each locker should be fully supplied with dispensing utensils; with all kinds of boxes, bottles, corks, papers, twines, etc. These counters, however, will not answer for desks, upon which the students may write. The chairs of a lecture hall, if supplied with a rest on one of their arms, answer nicely for commercial practice. The chairs must not be placed too closely together and each student should be supplied with a good, wide and strong "clip board." This latter is sufficiently wide to support his papers and the clip holds all in place; especially when it is necessary to place them in a locker. Each student should be required to have a good fountain pen and there must be sufficient desk room, supplied with rulers, red ink and pens, at which a few at a time may rule up their work. Book-keeping paper, ruled for the several books, may be had at any good stationery store, and this should be supplied students in liberal quantities. A full set of bond books sufficiently large to hold their finished work is generally bought by each student; they cost from thirty to forty cents only. Some students, as all might, make their books out of the paper supplied. Check books, which can be separated into parts of sev-

eral sheets each, may be had for small amounts, or some enterprising bank will be glad to supply them as an advertisement. Bank notes, drafts and receipts are in stock at stationers; bill heads and letter heads are inexpensive, or the student may make them, which is very good practice. A large black board is essential; upon it forms of books may be readily ruled by using red and blue crayon. It is easily understood that white crayon serves for black ink. Upon this same board impressive forms of commercial paper and correspondence may be written to be analyzed. It is a good plan to have students do this work while the class criticizes.

THE PARTICULAR THINGS STUDENTS ARE REQUIRED TO DO

As requested by your chairman, I am pleased to state that they are required to—

- Write letters,
- Practise penmanship,
- Order goods,
- Make invoices,
- Check off invoices,
- Mark goods,
- Deduct discounts,
- Keep a set of books,
- Manage a bank account,
- Draw checks,
- Indorse checks,
- Make drafts,
- Draw notes,
- Indorse notes,
- Compute interest,
- Estimate discounts.

Specimen sheets for home work in bookkeeping are submitted herewith, as are samples of examination papers.

SOME OF THE ITEMS IN WHICH STUDENTS ARE INSTRUCTED

In order named—Salesmanship and counter service; selling stamps; making change; drawing soda water; selling cigars, brushes, combs, tooth brushes, toilet articles, perfumery, sponges.

Wrapping, tying and sealing packages, bottles, jars, etc.

- Varieties of paper, twine, bottles, corks, boxes.
- Proper and specific names for common things.
- Quantities and how to order.
- Selection of stock.
- Care and arrangement of stock.
- Importance of records.
- Principles of bookkeeping.
- Bookkeeping and accounts.
- Accounts with departments; cigars, soda, expense, merchandise, etc.
- Banking and currency.
- Handling cash.
- Responsibility of endorsements.
- Payments of accounts; discounts.
- Beginning business.

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Unal keeps excellently in the original packing, and is of small bulk and weight.

Unal package is therefore exceptionally suited for transport and has no breakage of bottles.

Unal is above all handy and convenient, the whole contents being dissolved in the prescribed quantity of water.

Unal is immediately ready for use.

Unal does not stain, does not induce fog, does not affect the fingers.

Sole
Agents
for
Canada

Hupfeld, Lüdecking & Co., MONTREAL

NATIONAL LICORICE COMPANY

Sole Manufacturer of the
Well-known Brands

Stick Licorice

herewith represented; also

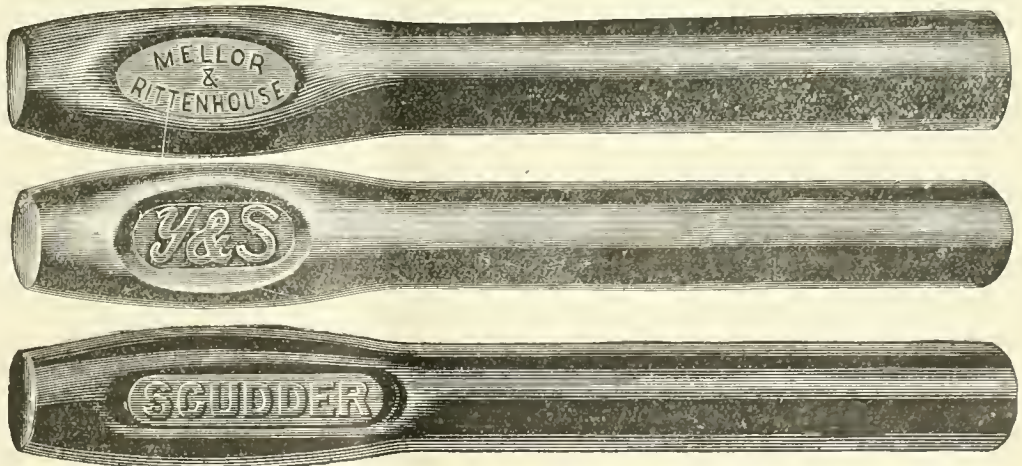
Acme Pellets

M&R Wafers

(in 5c. bags)

Lozenges

etc., etc., etc.



Advertising Matter Furnished to Retail Drug Trade for Counter and Window Display
Applicants will Please State Which of the above Brands is Used.

106-116 JOHN STREET - - BROOKLYN, N.Y.

ILLUSTRATED CATALOGUE ON REQUEST

Location.
Capital.
Backing.
Credit, loans, security.
Collateral.
Commercial agencies.
Credit men.
Contracts.
Partnership.
Inventories.
Closing books.
P. and L. account.

FIRST MAKE THE CLERK, THEN THE PROPRIETOR

In natural sequence, first the clerk is instructed, then the owner or manager. In the very beginning of the course the person, his general education and his character are considered from a strictly business point of view. Matters of carriage, cleanliness, dress, speech, manners, orthography, grammar, composition, honesty, truthfulness, fairness, activity are put before the students, while all through the course effort is made to thoroughly familiarize them with the application of principles and the use of common sense and good judgment, with the earnest hope that by a little leaven the whole may be leavened in time.

PERSIAN INSECT POWDERS

"Most of the so-called 'Persian insect powder' now sold and used in this country," says Saturday Evening Post, "is the product of a single farm, 300 acres in extent, near Stockton, Cal. It is derived from a plant closely resembling in appearance the common field daisy, and is now known to depend for its efficacy upon a greenish, volatile oil, which though harmless to other kinds of animals, suffocates insects.

"Not so very many years ago insect powder cost \$16 a pound, whereas to-day it is sold for forty cents or less. In those days the source of supply and the very nature of the product were a mystery. It had been in use in Asiatic countries for centuries, being exported from Transcaucasia, where the natives did a large and profitable business in its manufacture. Eventually an Armenian merchant discovered the long-kept secret, which was simply that the powder was the pulverized flower-heads of a species of pyrethrum that grew wild and plentifully among the mountains.

"Later the stuff became an important article of export to all parts of the world from Dalmatia. Many attempts were made to introduce the plant into the United States, but at first without success, because the seeds sold to Americans had been previously baked, to prevent them from sprouting."

FISCHER SELF-ADJUSTING BUNION PROTECTOR

Nowadays a really good thing in the way of sundries is quickly recognized and picked up by the modern and aggressive druggist. This is particularly true in the case of the Fischer Self-Adjusting Bunion Protector, an article that has rapidly won its way into the good graces of both user and dealer. The strong points emphasized on behalf of this novel shield, and as proved in its effective use by thousands of people suffering from bunions and enlarged toe-joints, are, its remarkable simplicity, the almost instantaneous manner in which it allays pain, the positiveness of the cure assured by its use to bunions and similar foot deformities, and its ability to maintain the original artistic lines of any shoe, if worn with them from the first. This latter feature will naturally appeal to every interested person, in a most satisfactory and gratifying manner, as that means the doing away with those deplorable and unsightly bulges. Add to all these excellent qualifications, the fact that the shields are of great adaptability, will adjust themselves to feet of any size or shape and are quite inexpensive, and we have before us about as desirable an acquisition in the way of sundries as the market has yielded in many a day.

Naturally, the remarkable interest invoked on behalf of the protector is largely due to the magnificent advertising campaign, carried on for some time past by the manufacturers and at the present time they are using a hundred or more of the higher class magazines, besides many publications devoted entirely to the interests of women. An aggressive attitude such as this speaks well for the enterprising spirit of the makers and, most assuredly, makes smoother still the "primrose path" of the wide awake dealer who has been prudent enough to acquire a stock of these "ready sellers." The Fischer Self-Adjusting Bunion Protector is manufactured by the Fischer Mfg. Co., 996 Clinton St., Milwaukee, Wisconsin, to whom it might be well to write at once for samples and prices.

MICRO GRAIN FOCUSING SCREENS

Perfection in focusing can only be attained by the use of the finest glass. A new candidate for popular favor, which only requires to be tested to become in demand everywhere is Tylar's Micro Grain Focusing Screens. These have a finer surface than the finest ground glass, such as is used now in cameras, as may be seen at once by comparing the two samples that are mounted on the show card sent by the firm with each order received. Tylar's Micro Grain is put up in envelopes each containing one screen and are packed twelve in a box. Manufactured by W. Tylar, 41 High St., Aston, Birmingham, Eng.

MADE IN DETROIT—SOLD EVERYWHERE

POST
OFFICE

CITY HALL

PARDRIDGE & BLACKWELL
MAJESTIC BUILDINGSOLDIERS'
MONUMENTOPERA
HOUSE

EYE-FIX SHINES FOR ALL

To the Trade In EYE-FIX we give an infallible remedy for all Eye troubles. A remedy you can recommend for all Eye troubles. A remedy you can recommend with all confidence. We sell it under a rigid contract that the price will not be cut. We advertise it extensively in the daily press to increase your trade. Are we not deserving of your patronage?

Eye-Fix was "born" in Detroit—that great headquarters for reliable medicine and pharmaceutical products. It is worthy of its birthplace. By its "good works" it has earned the earnest endorsement of physicians and opticians. Put EYE-FIX in stock, and if it doesn't justify our claims we'll buy it back at the price you paid. Your jobber will supply you. Handsome and effective advertising matter given with every order. All inquiries have our prompt attention.

EYE-FIX REMEDY CO., Manfrs.

MAJESTIC
BUILDING DETROIT, MICH.

50 YEARS'
EXPERIENCE**PATENTS**TRADE MARKS
DESIGNS
COPYRIGHTS & C.

Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. **HANDBOOK** on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

Scientific American.

A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.
MUNN & Co. 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

**PATENTS
PROMPTLY SECURED**

Write for our interesting books "Inventor's Help" and "How you are swindled." Send us a **rough sketch** or **model** of your invention or improvement and we will tell you **free** our opinion as to whether it is probably patentable. We make a specialty of applications rejected in other hands. Highest references furnished.

MARION & MARION
PATENT SOLICITORS & EXPERTS

Civil & Mechanical Engineers, Graduates of the Polytechnic School of Engineering, Bachelors in Applied Sciences, Laval University, Members Patent Law Association, American Water Works Association, New England Water Works Assoc. P. Q. Surveyors Association, Assoc. Member Can. Society of Civil Engineers.

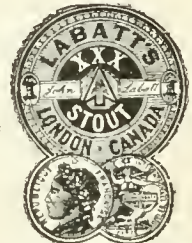
OFFICES: NEW YORK LIFE B'LD'G., MONTREAL CAN.
ATLANTIC BUILDING, WASHINGTON, D. C.

The Ideal Beverage

should quench the thirst, cheer and stimulate and nourish or strengthen.

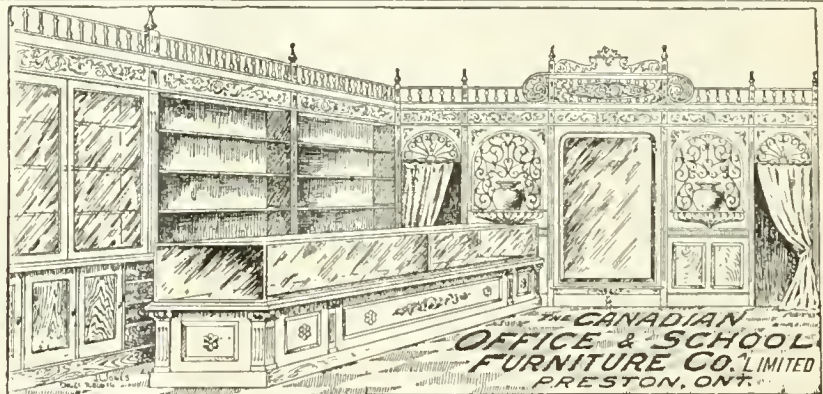
LABATT'S

India Pale Ale

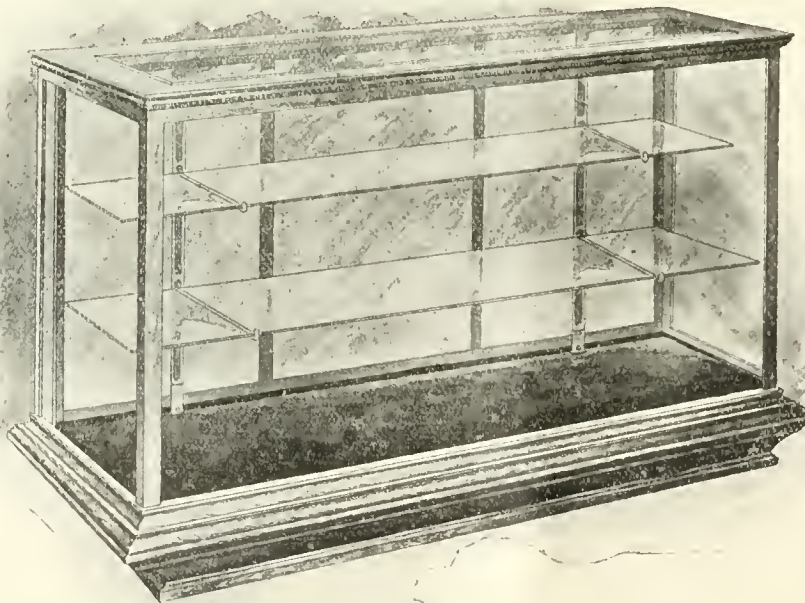


is well known as a pure and wholesome beverage, both refreshing and salubrious.

You are invited to try it, and if found satisfactory to you to ask your merchant for it.



DRUGGISTS' FLOOR CASES



Counter Cases, Dispensaries, Patent Medicine Cases, Tincture, Shelving, Sponge Cases and all kinds of Drug Fixtures in Oak, Cherry, Birch and other Hardwoods. Special attention given to high-class finish.

Write for our New Catalogue.

LONDON SHOW CASE WORKS, 673 Bathurst St., LONDON, ONT.

Formulary

EMULSION OF SALOL FOR INTERNAL USE.

M. Jouis (Progrès Médical) suggests the following for an emulsion of salol for internal use:

Salol	4.00 gm.
Gum-arabic	4.00 gm.
Tragacanth	.20 gm.
Tincture of tolu	10.00 gm.
Simple syrup	30.00 gm.
Distilled water	100.00 gm.

Mix the tincture and water and strain through linen to get rid of the separated resin. Triturate the salol with the gums, add the syrup and finally the water and tincture, a little at a time and under constant stirring. Each tablespoonful contains 50 cgm. salol.—National Druggist.

SALOL DENTIFRICE.

Salol	200 grn.
Saccharin	12 grn.
Sodium bicarbonate	10 grn.
Water	4 fl. dr.
Oil peppermint	1 fl. dr.
Oil anise	5 min.
Oil fennel	5 min.
Oil cloves	2 min.
Oil cinnamon	1 min.
Alcohol	to make 6 fl. oz.

Dissolve the saccharin and bicarbonate in the water. Mix the rest of the ingredients with the alcohol, dissolve, add the saccharin solution, color with tincture cochineal, and filter.

DEODORIZED IODOFORM.

1. Iodoform	197 parts
Carbolic acid	1 part
Oil peppermint	2 parts
2. Creolin	$\frac{1}{2}$ part
Iodoform	97-98 parts
3. Cumarin	1 part
Iodoform	24 parts
4. Oil rosemary	1 part
Iodoform	99 parts
5. Thymol	1 part
Iodoform	99 parts
6. Iodoform	90 parts
Powdered fresh roasted coffee.....	10 parts

DENTAL WAX.

The following formulas are said to yield serviceable products:

1. Stearin	2 parts
Olive oil	1 part
Gum kauri	4 parts
Talcum	8 parts
Oil cinnamon	to flavor

Melt the stearin in the olive oil, add the gum and stir in the talcum; then add the flavoring. The "Kauri" or "Cowrie" gum is a kind of turpen-

tine resin, procured from the *Damarra australis* which is indigenous to New Zealand.

2. White wax	20 parts
Flake white	1 part

Melt the wax, and while it is cooling mix in the flake white.

3. Stearin	1 part
Copal (half soft)	1 part
Talcum	2 parts

Melt the copal on a sand bath, and when slightly cooled add the stearin, stirring constantly. When this has melted, incorporate the powdered talcum so that a homogeneous product may be obtained.

FIREWORK PAPERS

For use instead of the more dangerous pyrotechnics.

For an igniting paper, for "touching off" fireworks, proceed as follows: Make a solution of

Potassium nitrate	2 parts
Lead acetate	40 parts
Water	100 parts

In this, place sheets of blotting or unsized paper, raise to a boil, and continue boiling for twenty minutes. If the paper is to be "slow," it may now be taken out and hung on strings to dry. If a quick burning paper is desired, the boiling should be repeated in a fresh charge of the solution.

BENGAL PAPERS

From a recently published work of M. Villon, we obtain the following new and approved formulae, for solutions into which unsized paper is macerated, as described further on:

RED FLAMES

1. Strontium nitrate	20 parts
Potassium chlorate	10 parts
Alcohol	20 parts
Water	100 parts
2. Strontium nitrate	20 parts
Strontium chlorate	5 parts
Alcohol	20 parts
Water	100 parts
3. Strontium chlorate	20 parts
Alcohol	20 parts
Water	100 parts
4. Lithium chloride	20 parts
Potassium chlorate	10 parts
Alcohol	20 parts
Water	100 parts

GREEN FLAMES

1. Barium chlorate	20 parts
Alcohol	20 parts
Water	100 parts
2. Barium nitrate	10 parts
Potassium chlorate	10 parts
Alcohol	20 parts
Water	100 parts
3. Barium nitrate	10 parts

Barium chlorate	20 parts
Alcohol	20 parts
Water	100 parts

YELLOW FLAMES

1. Sodium oxalate 10 parts
Potassium chlorate 10 parts
Alcohol 20 parts
Water 100 parts
2. Sodium chlorate 20 parts
Potassium chlorate 10 parts
Alcohol 20 parts
Water 100 parts

BLUE FLAMES

1. Potassium chlorate 10 parts
Copper chlorate 20 parts
Alcohol 20 parts
Water 100 parts
2. Copper chlorate 100 parts
Copper nitrate 50 parts
Barium chlorate 25 parts
Potassium chlorate 100 parts
Alcohol 500 parts
Water 1000 parts

VIOLET FLAMES

1. Strontium chlorate 15 parts
Copper chlorate 15 parts
Potassium chlorate 15 parts
Alcohol 50 parts
Water 100 parts
2. Potassium chlorate 20 parts
Strontium nitrate 20 parts
Copper chlorate 10 parts
Alcohol 50 parts
Water 100 parts

LILAC FLAMES

Potassium chlorate	20 parts
Copper chlorate	10 parts
Strontium chloride	10 parts
Alcohol	50 parts
Water	100 parts

Many other formulae might be given, but these will suffice to make a very handsome and entertaining display. Each formula produces its own peculiar shade, those for red, for instance, producing flames from light red to crimson.

The paper should be unsized, and the weight should be suited to the volume of flame and length of burning desired. By rolling up the sheet into a roll more or less tight, as desired, a sheet of paper 12x16 inches may be made to burn for several minutes. The paper is placed into the solutions, allowed to become saturated, then removed and dried by hanging over a string stretched across a warm room.—National Druggist.

RADIUM CURES OPHTHALMIA

A great sensation has been caused in German medical circles, says a Berlin despatch, by the announcement of the *Clinische Wochenschrift* that Dr. Cohn, a celebrated oculist, has succeeded in curing ophthalmia by means of radium.

A radium crystal weighing one milligramme was enclosed in a glass tube and passed over the eyes of a patient during a period of from 10 to 15 minutes.

Three cases are reported as being absolutely cured and a number of others are now under observation.

If the discovery is of as great value as it seems it will prove a blessing to the Government of Egypt, in which country ophthalmia is rampant.

PRICE CUTTING NO LONGER A PROGRESSIVE METHOD

Merchants who resort to price-cutting as a method of attracting business must learn to be patient if they are called "out-of-date," for in all progressive retailing this method is obsolete. The price-cutter is a relic of retail barbarism. Once upon a time the man who was most daring in his policy of giving customers the profits of his business and making trade a dreary wilderness for his competitors, was hailed as a most enterprising fellow. To-day the man who considers his customers' convenience the most, gets both the praise and the trade and the profit. It used to be that a merchant who would grudge a few hundred dollars for attractive and convenient improvements to his store would never hesitate to lose a greater amount by eliminating profits as a drawing card. To-day it is getting to be more or less of a reproach to be known as "selling cheap" and people feel disposed to favor the man who has a bright, attractive store, despatch in service, prompt delivery and general consideration. It may cost him something to provide all the things, but people like it, it gives him "tone" and he makes points. The price-cutter cannot even estimate what he loses, though he fondly cherishes the delusion that it pays. Nowadays a merchant shows that he is progressive by eschewing the old-fashioned method.—Maritime Merchant.

A DRUGGIST'S ERROR

Old line druggists often claim that cut rate stores live by substitution, and discourage physicians from sending their prescriptions to such on that account.

These same druggists—some of them at least—if asked for "Baby's Own" will say they do not sell it and try to sell some other soap instead. Is not this substitution? Is it reasonable to suppose that this druggist if asked for, say Lambert's Listerine, would not serve out some substitute, on which he makes more profit—especially in a prescription where the practice cannot be found out. Druggists, above all others, must be honest to succeed.

The
Signature
of

Chas. H. Fletcher.

Is on
Every Wrapper
of

CASTORIA

Jobbers sell less than 3 dozen at \$3.00 per dozen.

Jobbers sell 3 dozen or over at \$2.80 per dozen.

Send for
Almanacs, Cards, Cartons, and Counter
Wrappers.

Genuine **CASTORIA** Always

Bears the Signature of

Chas. H. Fletcher.

THE CENTAUR COMPANY

77 MURRAY STREET, NEW YORK CITY.

Chas. H. Fletcher.

President

Worth its Weight in Gold



BABY'S OWN SOAP

keeps the most tender skin, soft, smooth, and free from chaps.
No Other is just as Good.

032
ALBERT TOILET SOAP CO., Mfrs. Montreal.

This Soap is being extensively advertised. It will pay you to keep it in stock and supply the demand.

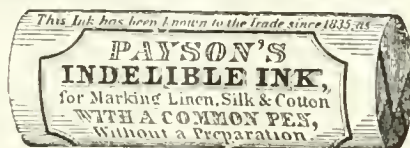
MINARD'S "KING OF PAIN" LINIMENT

Sold to the trade from

HALIFAX TO VICTORIA

by

HALIFAX—Brown & Webb, Simson Bros. & Co., Hattie & Mylius.
ST. JOHN—T. B. Barker & Sons, Canadian Drug Co., The McDiarmid Drug Co.
YARMOUTH—C. C. Richards & Co., proprietors.
QUEBEC—W. Brunet & Co.
MONTREAL—Kerry, Watson & Co., Lyman, Sons & Co., Lyman, Knox & Co., Evans & Sons.
PRESCOTT—T. W. Chamberlain & Co.
KINGSTON—Henry Skinner & Co.
TORONTO—Lyman Bros. & Co., Elliot & Co., Evans & Sons, Northrop & Lyman, T. Milburn & Co.
HAMILTON—Dominion Drug Co., J. Winer & Co.
LONDON—London Drug Co., Jas. A. Kennedy & Co.
WINNIPEG—Martin, Bole & Wynne Co., Bole Drug Co.
VANCOUVER and VICTORIA—Henderson Bros., McDowell, Atkins & Watson.
NEW WESTMINSTER—D. S. Curtis & Co.



THE OLDEST - THE BEST

Received Medal and Diploma at Province of Quebec Exposition, Montreal, 1897.
Trade supplied by all leading Drug Houses in the Dominion

WE desire to call the attention of the trade to our new Cough Remedy
Muskoka Pine Syrup

which was put on the Canadian Market in the Fall of 1900. The sales have been most gratifying. It is a large-sized package, neat and attractive in appearance, and a ready seller.

For prices write to

**BRAYLEY, SONS & CO.
MONTREAL**

ROUGH ON RATS

TRADE MARK



UNBEATABLE RAT EXTERMINATOR.
Established and safely used 30 years. The standard Rat, Mouse, Cockroach and Bed Bug Exterminator of the World. The most extensively advertised and the largest sale of any Exterminator on earth. Gives universal satisfaction everywhere.

Rough on Roaches and Ants	
Non-Poisonous—15c, \$1.20 doz; 25c, \$2.00 doz	
Rough on Fleas	Powder, 25c, \$2.00 doz
	Liquid, 25c, \$2.00 doz
The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.	
Rough on Bed Bugs	Liquid, 15 & 25c
	\$1.20 & \$2.00 doz
Rough on Moth and Beetle	2 lb. cans
	35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, \$36 gross, and over 10 per cent. discount and freight paid. For cash with order 2½ per cent. may be deducted.

E. S. WELLS, CHEMIST, JERSEY CITY, N. J.

"THE KINDS THAT SELL"

PLANTEN'S
CELEBRATED
CC BLACK OR BLACK CAPSULES

Keep Your Stock well up and lose no Sales
Popular Priced and Reliable. Worth-while profits to the Retailer

PLANTEN'S
CAPSULES
AND
PERLOIDS
TRADE MARK
OF
SANDAL OIL

H. Planten & Son (Established 1836) **New York**
"Pioneer American Capsule House"

Photographic Notes

DEVELOPERS FOR GASLIGHT AND BROMIDE PAPERS

By Dr. Kaltenborn

Although the number of developing substances already on the market are only limited, the number of formulae for making up solutions are legion. One or more of such formulae, nearly always showing different compounds, are supplied by the makers with each kind of plate, film and paper. Added to these are those of the manuals and hand-books and also periodicals, all of which give plenty of developing formulae. Among such an array of formulae it is difficult to make a selection. It is also not desirable to always be using different developers, nor is it advisable, if once one has become used to a certain developer, because each developer has its own properties and characteristics, to which therefore one must get used, whereby it will be seen that one has to purchase knowledge through failures.

Why all these variations of developers? There are developers which are suitable for all purposes, for plates and films as well as for papers. These are rightly called "Universal developers." Universally comprehensive in the possibility of application, these developers are also simple of management and that is a special advantage. Simplicity of application allows the user to soon get acquainted with the properties of these developers and so many failures will not occur. Among these universal developers Rodinal and Amidol are specially to be noted and the new Unal must not be forgotten.

Amidol is a developer, which is really the most prominent of all developing substances. It has the peculiar property of developing without the addition of alkali. This is to many an important advantage, for there are many people who cannot bear alkali in the developers and who have an aversion to the use of alkali. For such people there is only one remedy, and that is to use amidol.

Rodinal was the first rapid developer and today still maintains the first position. This is on account of the extraordinary simplicity of its application, which, taken into consideration with its other prominent properties leaves Rodinal unequalled by any other developer. Also Rodinal contains, although not as amidol no alkali at all, at least no superfluity of alkali, but only as much as necessary to keep the developing substance, which rodinal contains, in solution.

Unal is Rodinal in a solid form. It is for many purposes still more practical than Rodinal.

Rodinal is a stable, unchangeable compound. To produce a solution ready for use, it is only

necessary to dilute Rodinal with water. This application of Rodinal thus precludes the necessity of experiments with a number of formulae, as given for other developers.

Unal is treated in the same manner; it is simply dissolved in water.

Amidol also has not so many formulae as for instance metol-hydrochinon. There is really only one formula, that is, to dissolve Amidol in water and add a tenfold quantity of crystallized sulphite of soda.

As an universal developer the before-named substances are serviceable for all developing purposes. We will here specify their uses for the development of papers. We will at once rectify a widespread error. This is the general opinion that one should develop papers with dilute developers, because development would otherwise act too quickly, if normally diluted developers were used. This opinion is, however, erroneous, for diluted developing solutions have quite other effects. The images developed by them show too little contrasts. Also a great number of prints may get damaged, if they remain too long in the developer, as they then easily acquire a yellow discoloration. One should use, therefore, a developer of a normal concentration exactly as it is used for the negative process. When using Amidol, Rodinal and Unal exactly the same formula should be used for developing papers as negatives, as there is, as before mentioned, only one formula for the compounding of these developers. The manner of application can only be decided by the degree of dilution. Differently concentrated developers are in many respects of importance to the negative process. By their aid one can easily equalize the faults of exposure. For the development of paper one ought only to work with a solution of normal dilution, a dilution as applied to develop a correctly exposed negative. This dilution is for Rodinal 1:20 (one part of Rodinal diluted by 20 parts of water). Gaslight papers, as well as bromide papers, give, if they are produced with this Rodinal developer, a pure black tint, which in bromide papers is a still purer gray-black. Development takes for gaslight papers about 3 or 4 minutes; for bromide papers 1½ to 2 minutes.

Unal when dissolved in 50 parts of water, is then ready for use and gives the same results as Rodinal.

For Amidol the following universal formula is given: 1,000 parts of water, 200 parts of soda sulphite cryst., 20 parts of Amidol. This solution, which will, however, not keep very long, is for use to be diluted with 4 parts of water, and add to every 100 cub. cent. (3½ ozs.) of solution about 2 drops of a 10 per cent. potass. bromide solution. Amidol develops in about the same

time as Rodinal and Unal. It produces on papers a pleasing tint from a greenish to a blue-black.

As Amidol does not contain an alkali, it does not affect either the fingers or the paper.

After developing it is always desirable so as to avoid a continuation of the action, to immerse the picture in an acetic acid bath. Thereby the development will be at once arrested and a yellow discoloration of the paper will never occur. The acetic acid bath is made up of 5 per cent. acid acetic glacial and 100 cub. cent. of water.

A CELLULOID DANGER

By way of "glazing" their photographs amateur photographers frequently press the damp pictures, half a dozen at a time, face downward on a specially prepared metal sheet about the size of a school slate. To hasten the tedious process of drying, the sheet is often put near the fire. A day or two ago I found my wife bending over the fender with a batch of South African photographs on a patent glazer which she imagined to be tale. She remarked that it was supposed to "do" them quickly, but that, though otherwise good, it was a slow drier. As the supposed tale looked to me suspiciously like celluloid, I begged her to keep it away from the fire until I should have communicated with the manufacturers. I now enclose their reply. You will see that they state that "the glaze is made of celluloid, and would be dangerous near the fire." As knowledge of the fact may save some one a ghastly accident, I think it right to call attention to it. But what shall be thought of people who, with a full knowledge of the highly dangerous qualities, supply such an article for the use of ladies and children without the word of warning?—Cor. London Times.

Philately

(See Advertisements of Stamp Dealers on page 52.)

The 69th edition of Scott's catalogue has appeared with very slight changes beyond adding the new issues of the year.

It has been found that the 5-penny, 1-shilling and 2-shilling Commonwealth stamps of Australia, listed and priced in several catalogues, have never been issued. This is why some collectors have never secured these varieties.

The 20-cent Canada stamp, bearing the King's head, appeared several weeks ago, yet most collectors have not seen it.

The Canada stamp sheet is again being issued by Mr. Panxman of Quebec. The London (Ont.) publishers evidently found the task beyond their efforts.

Cape of Good Hope has a new 2-penny issue of a rich brown color.

Mauritius has issued a new 15c delivery stamp in gray-green and red for inland use.

There is a good demand for Canadian stamps of the old values. Anything is snapped up at fair prices.

DEATHMASK STAMP

The new Servian postage stamps, bearing the heads of King Peter and Karageorge side by side, which were issued at the time of the coronation of King Peter, have been suddenly withdrawn.

It has been discovered that when the stamps are held upside down the outlines of the two heads appear to form the deathmask of King Alexander.

SPECIAL STAMP ISSUES

The total issue of the commemorative series of postage stamps for the Louisiana Purchase Exposition reached only 287,990,200, as compared with a total for the World's Columbian Exposition at Chicago of 2,014,233,100. The issue was even less than of the special stamps for the Pan-American Exposition at Buffalo, which was 324,070,000. The total issue of special stamps for the Omaha Exposition, covering the two-year period, was 252,532,440. The only reason for the falling off in the number of these special stamps issued given by Major Reeves, chief of the stamp division of the Post-office Department, is that such newness soon wore off and people were satisfied with the ordinary regulation stamp.

The total issue of Louisiana Purchase Exposition stamps by denominations was as follows: One-cent, 79,779,200; 2-cent, 192,731,200; 3-cent, 4,542,500; 5-cent, 6,926,101; 10-cent, 4,011,200.

STAMPS THAT MEAN MONEY

By a simple error in the printing of a set of stamps the value is enormously increased to collectors. A short time ago a Dutch stamp was printed yellow instead of blue. A week later these stamps were sold at a great premium. A New Zealand stamp some years ago was printed upside down, and it is now worth a large sum. Among British stamps the old red penny, with the plate No. 255, is valued by collectors, and the small pink halfpenny, with plate No. 9, is not worth less than £4. It is said that the plate of the latter was broken soon after it came into use and was never replaced; hence the value of the few stamps printed from it. In Canada "The-vaster-than-has-been" stamp is already becoming valuable. It is always a question with amateurs whether to buy their stamps used or unused. But it is safe on a great occasion, such as the jubilee or coronation year, to buy them with the postmark.

We Can Make Your Optical Department Pay

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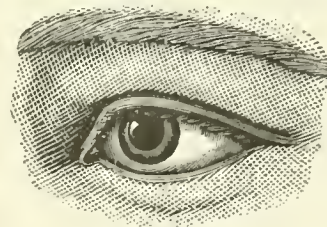
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DRUG REPORT

Toronto, Jan. 11, 1905.

Business during January was quite up to the mark. The advance in camphor, as suggested in our last issue, has taken place, and it will likely remain high now that the season is drawing near for its large sale, if it does not still further advance.

Paris green will be offered for the present at old prices, but we would suggest that our friends cover their wants, as there is every indication from the advance in copper sulphate that higher prices will rule later on.

Blue vitriol is advancing.

Sulphurs are all higher, both on account of winter rates as well as short stocks. A shipload of sulphur on the way to Canada was wrecked and as it will be some months before a fresh supply can come forward, it will make a great shortage in stocks and higher prices.

Gum shellac is higher and is still tending upward with no lower price in sight.

Beecham's Pills have been advanced by the manufacturer to \$2.30 a dozen—no better price.

Humphrey's medicines have advanced in price on account of the manufacturer selling to the jobbing trade at the same price in Canada as in the States without giving any concession on account of the duty. Retailers should raise the price of these goods on the basis of 35c for a 25c article.

Liquozone Soap is not being carried in stock by the wholesalers for the present, as the manufacturers have not fixed the price to the retailer satisfactory to the Joint Committee of Retailers and Wholesalers.

THE DRUG MARKET

By E. Merck

Darmstadt, December, 1904.

Quinine and Cortex Cinchonae. In November the following Cinchona bark auctions were held:

On the 10th November at Amsterdam there were offered 10,917 packages; sold, 10,717 packages, at 6.45 cents per average unit, as compared with 6.65 cents at the previous Amsterdam auction.

On the 15th November in London there were offered 1,328 packages; sold, 864 packages, at 1 $\frac{3}{4}$ d per average unit, as compared with 1 $\frac{1}{4}$ d at the previous London auction on the 18th October.

Although from this it appears that Cinchona bark was sold at a somewhat lower price at the November auctions than in October, it had no weakening effect on the price of Quinine. On the contrary these were very firmly maintained in view of the good demand for Quinine.

Cocaine. With regard to this article, I have the following to report:

1. Large purchases of Raw Cocaine have been made.

2. Several Peruvian manufacturers of Raw Cocaine have considerably limited their production and their consignments to Europe.

3. The rumors are maintained that the present Raw Cocaine prices afford no profit to Peruvian manufacturers, who are trying to obtain higher prices by combination. These rumors gain in probability by the fact that private offers for Raw Cocaine under the ruling market quotations are generally refused.

4. The market has become still firmer in view of these circumstances.

Codeine. This article has been the object of much competition for some time past. This is the explanation why it has been possible that prices should be so extraordinarily reduced, independently of the Opium and Morphia market, although Codeine stands in intimate relation to these articles.

On the 9th November an improvement in the position of the article has at length taken place. The prices of Codeine and its salts have been advanced from this date by 7d per oz.

Gall Preparations. I can only confirm my communications on Gall preparations in the November list.

The position of the Gall market is very firm and the demands for Galls suitable for manufacture are so high that it will not be possible in the long run to maintain the present quotations for Gall preparations.

Lithia Preparations. Through persistent competition the prices for Lithia preparations have for some time past been so very depressed that a profit could no longer be spoken of. It will consequently be welcome news that an improvement has set in, prices having advanced on 1st December.

Opium and Morphia. Recently unfavorable reports have again been received with respect to Opium. Whilst the continuance of drought for many weeks hindered the poppy sowing, hopes were raised by the fall of rain, which, however, did not last long.

These favorable prospects were again very much

depressed by the news of continual sharp frosts which were likewise inimical to the crop.

The Opium market has consequently been very excited by these unfavorable reports. Quotations for Opium are considerably higher than formerly, and if the news with respect to the frosts is confirmed all round, prices will advance still further.

With regard to Morphia, this article has not as yet felt the advance in price of Opium. It may be, however, expected that this will take place if an improvement does not soon occur in the Opium market.

Darmstadt, January, 1905.

Bismuth. The Syndicate for the sale of Bismuth raised the price of this metal on the 1st December by about M. 6.—per Kilo which has induced a corresponding rise in the prices of Bismuth preparations.

Cocaine. On the 12th December the price of Cocaine hydrochlorate advanced 1s 1d per oz. Otherwise the same factors affecting the market position hold good, as were noted in my December communications.

Cinchona Bark and Quinine. Two Cinchona auctions were held during December, the results of which were as follows:

On the 6th December in London there were offered, 915 lots; sold, 400 lots at 1½d per average unit, as in the previous London auction of the 15th November.

On the 15th December at Amsterdam there were offered, 11,607 lots; sold, 10,110 lots at an average of 6.30 cents, as compared with 6.45 cents at the previous Amsterdam auction.

The prices for Quinine remained unaltered.

Gall Preparations. During the last few weeks there has been a general advance in the prices for tannin particularly. As already indicated in my December communications this increase is completely justified in view of the market in Galls.

Opium and Morphia. Better news has again been received recently as regards Opium. The weather is reported as favorable and the sowing of poppies is in consequence said to have made good progress. Nevertheless there are no indications of any weakening in the prices for Opium, as the Opium holders have received good advances from banks and consequently maintain a reserved attitude in the hope of higher prices.

The quotations for Morphia are firm and unchanged.

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PRICES CURRENT AND INDEX OF NEW REMEDIES.

Prices given below are *actual values* for small quantities ruling in the Canadian Market to-day. Quotations are subject to change without notice. Physicians must expect to pay an advance on prices reported, since these values are actually charged to the trade, and do not cover expenses of any kind.

ACID ACETIC B. 1 ¹ / ₂ , lb.....	\$0 15
" Acetic, 99 ¹ / ₂ per cent. lb.....	45
" Acetyl Salic., oz.....	30
" Arsenious (Arsenic), lb.....	12
" Benzoic from gum, oz.....	30
" Benzoic from Toluol, oz.....	10
" Boracic Crystals, lb.....	12
" Boracic, Pulv., lb.....	12
" Butyric, oz.....	25
" Cacodylic, 5 grain bot., each.....	30
" Camphoric, oz.....	45
" Carbolic, 1 lb. bots.....	32
" Carbolic, 5 lb. tins, lb.....	28
" Carbolic, 10 lb. tins, lb.....	26
" Carbolic, Crude, opt., gal.....	1 50
" Carbolic, Crude Com'l gal.....	75
" Cetaric, 15 grain bot., each.....	80
" Chloroacetic, oz.....	40
" Chromic, oz.....	15
" Chrysophanic, oz.....	30
" Cinamic, oz.....	50
" Citric, lb.....	45
" Citric, Pulv., lb.....	50
" Fluoric, 1 lb. bots., each.....	1 00
" Fluoric, 1/2 lb. bots., each.....	60
" Fluoric, 1/4 lb. bots., each.....	15
" Formic, oz.....	0
" Gallic, oz.....	12
" Glycerino phosphoric, oz.....	90
" Hydriodic, oz.....	40
" Hydrodomic, lb.....	35
" Hydro-Silico Fluoric.....	3 10
" Hypophorus, oz.....	55
" Iodic, oz.....	1 00
" Lactic Concent'd, oz.....	12
" Mallic, oz.....	1 20
" Meconic, oz.....	2 00
" Molybdic, pure, oz.....	25
" Monochlor, acetic, oz.....	40
" Muratic, Com'l, lb.....	6
" Muratic, C.P., lb.....	20
" Nitric, Com'l, lb.....	12
" Nitric, C.P., 1 lb.....	25
" Nitrous, lb.....	30
" Oleic, oz.....	5
" Osmic 1 gramme tubes, each.....	3 00
" Oxalic, lb.....	12
" Oxalic, Pulv., lb.....	15
" Oxalic, C.P., lb.....	50
" Perchloric, oz.....	35
" Phosphoric, Concent., 1500, lb.....	45
" Phosphoric, Dil., lb.....	16
" Phosphoric, Glacial, oz.....	10
" Phosphoric, Syrupy 1750, lb.....	50
" Picric, lb.....	70
" Prussic, gs bots., doz.....	1 25
" Pyrogallic, Merck's, oz.....	30
" Pyrogallic, Schering's, oz.....	32
" Pyroligneous, lb.....	7
" Salicylic, lb.....	50
" Salicylic, natural oz.....	75
" Sulpoanilic, oz.....	45
" Sulph. Aromat., lb.....	65
" Sulph Com'l, lb.....	6
" Sulph C.P., lb.....	20
" Sulphurous, lb.....	15
" Stearic, oz.....	35
" Tannic, lb.....	40
" Tartaric, Cryst., lb.....	35
" Tartaric, Pulv., lb.....	37
" Tartaric, C.P., Cryst., lb.....	55
" Tartaric, C.P., Pulv., lb.....	90
" Titanic, one-eighth oz. for.....	25
" Uric, oz.....	60
" Valerianic, oz.....	35
ACETONE, C.P.....	90
" Commercial, lb.....	30
ACONIN, 1 gramme, each.....	50
ACONITINE, Pure Amorph., grain.....	40
ADEPS LANA, Hydrous, lb.....	40
ADUROL, 25 gramme packets, each.....	75
AIKOL, oz.....	90

ALBUMEN, from egg, oz.....	\$0 15
ALBUMEN, from blood, oz.....	10
ALCOHOL, gal.....	5 00
" Absolute, pint.....	1 35
" Columbian Spt., gal.....	2 10
" Methyated, gal.....	2 00
" Wood, gal.....	1 25
ALMONDS, Bitter, lb.....	40
ALMOND MEAL, lb.....	50
ALOIN, oz.....	20
ALUM, lb.....	3
" Ammoniated, lb.....	35
" Burnt, lb.....	12
" Chrome, lb.....	16
" Pure, lb.....	25
" Potash, lb.....	30
" Pulv. lb.....	4
ALUMINIUM, oz.....	25
" Acetate, oz.....	15
" Acetotartrate, oz.....	12
" Bromide, lb.....	40
" Chloride, pure, oz.....	25
" Nitrate, pure, oz.....	20
" Oxide, pure, oz.....	25
" Salicylate, oz.....	50
" Sulphate, pure, oz.....	20
" Tartrate, oz.....	20
ALUMINOL, oz.....	40
AMIDOL, oz.....	1 50
AMMONAL, oz.....	50
AMMONIA, Acetate, oz.....	15
" Arsenate, oz.....	30
" Benzozate, oz.....	20
" Bichromate.....	12
" Borate, oz.....	20
" Bicarbonate, oz.....	30
" Bromide, lb.....	75
" Carbonate, lb.....	14
" C. P. Howds., lb.....	60
" C. P. Mercks., lb.....	50
" Powd., lb.....	20
" Fluoride, oz.....	25
" Glycerophosphate, oz.....	50
" Hydrosulphide, lb.....	30
" Hydrosulphite, oz.....	25
" Hypophosphite, oz.....	40
" Iodide, oz.....	45
" Liquor fort, lb.....	12
" Molybdate, oz.....	25
" Murate, Lump, lb.....	14
" Gran., lb.....	12
" C. P., lb.....	20
" Nitrate, com'l, lb.....	40
" C. P., oz.....	10
" Nitrite, oz.....	20
" Oxalate, oz.....	10
" Persulphate, oz.....	15
" Phosphate, extra pure, oz.....	01
" Purified, oz.....	75
" Picrate, oz.....	25
" Salicylate, oz.....	25
" Succinate, oz.....	30
" Sulphate, com'l, lb.....	8
" Pure, oz.....	10
" Sulphide (Solution), lb.....	55
" Sulphocarbonate, oz.....	30
" Sulphocyanide, oz.....	10
" Sulphurate, oz.....	1 25
" Tartrate neutral, oz.....	25
" Thio-cyanate, Pure, oz.....	10
" Valerianate, oz.....	35
" Vandate, oz.....	1 50
AMYL, Acetate Oxide, oz.....	10
" Butyrate, oz.....	10
" Formate, oz.....	25
" Nitrate, oz.....	25
" Nitrite, oz.....	25
" Valerianic, oz.....	30
AMYLENE, Hydrate, oz.....	60
ANÆSTHESIN, 25 gramme packages, each.....	1 50
ANALGEN, 25 grammes for.....	2 00
ANEMONINE, for 1 grain tube.....	20
ANETHOL, oz.....	80
ANILINE, Pure, oz.....	15
" Chloride, oz.....	35
" Sulphate, oz.....	40
ANTHRACOBIN, oz.....	70
ANTIFEBRINE, lb.....	50
ANTIKAEMIA, oz.....	1 40
" Vest Pocket Box, doz.....	2 00
ANTIMONY, metal, lb.....	40
" Pulv. pure, oz.....	12
" Pulv. com., lb.....	\$0 00
" Chloride, oz.....	15
ANTIMONY Liver (crobus), lb.....	16
" O sulph (Sulph. Precip., lb.....	55
" Oxide White Acid Antimony, oz.....	25
" Sulphate, oz.....	25
" Sulphide (Black) lb.....	50
" (Golden), oz.....	12
" Tart. Pulv. (Tartar Emetic), lb.....	40
ANTINOSIN, oz.....	2 25
ANTIPIRINE, Knorr's, oz.....	45
" Salicate, 25 grammes for.....	50
" Swiss, oz.....	25
ANTISPOSMINE, 15 gramme bots., each.....	80
ANTITONINE, Neuralgic, oz.....	1 15
APIOL, Green, oz.....	65
APOCODEINE, Hydrochlor, 1 grain bots., each.....	25
APOLYSINE, oz.....	90
APOMORPHIA, Muriate, 1/2 oz for.....	1 20
ARBUTIN, Crystals, oz.....	1 50
ARECA, Nuts, lb.....	25
" Pulv., lb.....	35
ARECOLINE, Hydrobromate, 15 grain bot., each.....	2 50
ARGENTAMINE, oz.....	85
ARGENTUM Crede (Collargolum), oz.....	3 50
ARGONINE, oz.....	90
ARGYROL, oz.....	2 10
ARISTOCHIN (Bayers),.....	3 25
ARISTOL (Bayers), oz.....	2 10
ARROWROOT, Bermuda, lb.....	50
" Com., lb.....	20
ARSENIC (Metal), oz.....	10
" Bromide, oz.....	40
" Chloride, oz.....	45
" Iodide, oz.....	55
" Sulphide Red (Realgar), oz.....	12
ASAPROL, oz.....	2 00
ASEPTOL, oz.....	25
ASHES, Pearl, lb.....	12
" Pot, lb.....	12
ASPARAGIN, 1/2 oz. each.....	20
ASPHALTUM, lb.....	12
ASPIRIN, oz.....	65
ATROPIA, Pure, oz.....	7 50
" Sulphate, 1/4th, each.....	90
" Valerianate, 1/2 each.....	1 60
ATOXYL, oz.....	3 75
BARK, Ash Prickly, lb.....	35
" Angustura, lb.....	50
" Bayberry, lb.....	25
" Caoella, lb.....	25
" Cascara, lb.....	30
" Cascarilla, lb.....	30
" Cherry Black, lb.....	15
" Coto, lb.....	1 40
" Cotton Root, lb.....	20
" Cundurango, lb.....	65
" Elm, lb.....	45
" Hemlock, lb.....	10
" Mezereum, lb.....	25
" Peruvian, Red, lb.....	45
" Yellow, lb.....	40
" Pomegranate, lb.....	45
" Poplar, lb.....	13
" Sassafras, lb.....	20
" Soap, lb.....	14
" Tamarac, lb.....	15
" Wahoo, lb.....	35
" Witch Hazel.....	15
" White Pine, lb.....	12
BALSAM, Canada, lb.....	65
" Copaiba, Eng., lb.....	85
" Copaiba, Amer., lb.....	65
" Peru, oz.....	30
" Sulphur, lb.....	30
" Tolu, oz.....	5
BARIUM, Acetate, oz.....	10
" Bromide, oz.....	20
" Carbonate, Pure, lb.....	40
" C. P., lb.....	75
" Chlorate, oz.....	20
" Chloride, Com'l, lb.....	20
" Pure, lb.....	40
" Hydrate, oz.....	18
" Hypophos, oz.....	40
" Nitrate, oz.....	5
" Oxide Hydrate, Com'l, oz.....	15
" Pure Crystals, oz.....	25
" Peroxide Anhydrous, Pure, oz.....	5

BARIUM, Peroxide, Coml., lb.....	\$ 50	CAFFEINE, and Soda Hydrobromate, oz \$ 1 00	CITARIN, oz.....	\$ 1 25
" Phosphate, oz.....	70	CAFFERINE, Valerianate, oz.....	CITROPHEN, 1/8 oz., ea.....	25
" Sulph Precip, oz.....	5	CALAMINE, prepared, lb.....	COBALT, lb.....	25
" Sulphide, Pure, oz.....	6	CALCIUM, Acetate, oz.....	COBALT, Chloride, oz.....	30
BEANS, Calabar, oz.....	10	" Arseniate oz.....	" Carbonate, oz.....	40
" Locust, ground, lb.....	6	" Benzate, oz.....	" Nitrate, oz.....	25
Tonquin Angustura, lb.....	1 60	" Bromide, lb.....	" Oxide, oz.....	45
" Para, lb.....	6	" Carbide, lb.....	" pure, oz.....	75
" Surinam, lb.....	1 10	" Carbonate, Pure.....	" Sulphate, oz.....	35
" Vanilla, opt, oz.....	6	" Precip., lb.....	COCAINE, Alkaloid, oz.....	8 25
" " No. 2, oz.....	60	" Prepared, lb.....	" Carbolate, 15 grain bot., ea.....	90
BERBERINE, Muriate, oz.....	1 60	" Chlorate, oz.....	" Muriate, oz.....	5 50
" Sulph, oz.....	1 00	" Chloride, Coml., lb.....	" Nitrate, oz.....	11 00
BENZANILIDE, oz.....	1 25	" Pure, oz.....	" Oleate, 5%, oz.....	75
BENZOLE, lb.....	55	" Fluoride, oz.....	" Solution, 4%, oz.....	1 00
BENZOINAL, lb.....	1 25	" Glycerophosphate, oz.....	COCHINEAL, lb.....	70
BENZOSOL, oz.....	1 00	" Hippurate, 1/2 oz., ea.....	" Pulv., lb.....	75
BERRIES, Buckthorn, lb.....	60	" Hydrate, Pure Cryst., oz.....	COCOA BUTTER, lb.....	65
" Coculus Indicus, lb.....	15	" Hypochlorite, oz.....	CODEIA, Cryst., oz.....	3 60
" Cubebs, lb.....	20	" Hypophos, oz.....	" Citrate, 1/2 oz., ea.....	1 60
" French, lb.....	20	" Iodate, oz.....	" Hydrochlor., 1/2 oz., ea.....	70
" Juniber, lb.....	8	" Iodide, oz.....	" Phosphate, 1/2 oz., ea.....	60
" Laurel, lb.....	15	" Lactate, oz.....	" Sulphate, 1/2 oz., ea.....	60
" Prickly Ash, lb.....	25	" Lactophosphate, oz.....	COLCHICIN, C.P. Cryst., 15 grain bot., ea.....	20
" Poke, lb.....	20	" Nitrate, oz.....	COLOCYNTII, Apple, lb.....	85
" Saw Palmetto, lb.....	65	" Permanganate, oz.....	" Pulv., lb.....	1 00
BETOL, oz.....	65	" Phos. Precip., lb.....	COLLODION, lb.....	65
BISMAL, oz.....	75	" Phosphate, C.P., oz.....	" Canthar., oz.....	12
BISMUTH, Acetate, oz.....	50	" Phosphide, oz.....	" Flexible, oz.....	5
" Ammon Cit., oz.....	40	" Saccharate, oz.....	" Styptic, oz.....	10
" Benzoate, oz.....	50	" Salicylate, oz.....	COLORING, Brandy, lb.....	15
" Betanaphthol, oz.....	60	" Silicate, oz.....	" Cochineal, lb.....	25
" Bromide, oz.....	55	" Sulphate Precip., oz.....	CONFECT, Aromat., lb.....	60
" Carb, oz.....	30	" Sulphide, oz.....	" Opium, lb.....	75
" Citrate, oz.....	50	" Sulphite, oz.....	" Roses, lb.....	70
" Lactate, oz.....	1 00	" Sulphocarb, oz.....	" Senna, lb.....	35
" Liquor, lb.....	45	" Tungstate, 1/2 oz., ea.....	" Sulphur, lb.....	40
" Metal, oz.....	30	CAMPBOR, in balls, lb.....	CONIINE, Alkaloid, oz.....	6 40
" Nitrate Crystals, cz.....	30	" 1/2 blocks, lb.....	" Hydrobromate, 15 grain bot., ea.....	50
" Oxalate, oz.....	30	" oz. blocks, lb.....	CONVALLAMARINE, 15 grain bot., ea.....	75
" Oxide, oz.....	40	" 1/2 oz. blocks, lb.....	CONVALLARIN, 15 grain bot., ea.....	75
" Oxychloride, oz.....	50	" Powdered, lb.....	COPPER Acetate pure, oz.....	1G
" Oxyiodide, oz.....	10	CANNABINE TANNATE, 15 grain tubes, ea.....	" Arseniate, oz.....	25
" Oxynitrate, oz.....	35	CANTHARIDES, whole, Chinese, lb.....	" Arsenite, oz.....	25
" Phosphate, oz.....	70	" Powder, Chinese, lb.....	" Aluminated, oz.....	5
" Salicylate, oz.....	30	" Whole, Russian, lb.....	" Ammoniated, oz.....	10
" Subgallate, oz.....	30	" Powder, Russian, lb.....	" Ammonia Sulph., lb.....	60
" Subiodide, oz.....	55	CARBON, Bisulph, lb.....	" Ashes, lb.....	35
" Subnitrate, lb.....	3 30	CAROID, powd., oz.....	" Bromide, oz.....	75
" Tannate, oz.....	45	CASEINE, oz.....	" Carbonate, oz.....	10
" Tribromphenol (Nereform).....	90	CASTOREUM, oz.....	" Chloride Bi., oz.....	10
" Valerianate, oz.....	55	CELLOIDIN Chips, oz.....	" Cyanide, oz.....	20
BOLE, Armenia, lb.....	7	CERIUM, Nitrate, oz.....	" Iodide, oz.....	75
BORAX, C.P., Cryst., lb.....	35	" Oxalate, oz.....	" Metal, oz.....	25
" C.P. Pulv., lb.....	40	CHALK, French lump, lb.....	" Nitrate, oz.....	12
" Cryst., lb.....	6	" French, powd., lb.....	" Oxalate, oz.....	20
" Pulv., lb.....	6	CHIRETTA, lb.....	" Oxide, black, oz.....	20
" Glass, lb.....	40	CHLORALAMID, oz.....	" red, oz.....	10
BONE DUST, lb.....	10	CHLORAL, Ammonia, oz.....	" Oxyacetate, oz.....	10
BORGLYCERIDE, oz.....	5	" Caffeine, oz.....	" Sulphide, oz.....	25
BORGLYCERINE, oz.....	20	" German, lb.....	" Sulphate, Coml., lb.....	10
BROMALINE, oz.....	1 25	" Hydrate, lb.....	" pure, lb.....	50
BROMINE, oz.....	10	" Hydrocyanate, lb.....	" Tartrate, oz.....	15
" C.P., oz.....	25	CHLORALOSE, oz.....	" Trimmings, lb.....	50
" Chloride, oz.....	50	CHLOROFORM, D. & F. Blue Label, lb.....	" Wire, pure, oz.....	10
BROMIPIN, oz.....	25	" D. & F. Pure, lb.....	COTOINR, True, 5 grain bots., ea.....	30
BROMOFORM, oz.....	30	" D. & F. Methyl, lb.....	COWHAGE, oz.....	75
BROOMTOPS, lb.....	30	" German, lb.....	CORNATINE, Citrate, 5 grain bots., ea.....	5 00
BRUCINE, oz.....	1 20	" Lyman's, lb.....	CREOSOTE, B.W., lb.....	1 35
" Hydrobromate, oz.....	1 75	" Smith's, lb.....	" C.P. white, lb.....	80
" Hydrochlorate, oz.....	1 75	CHLOROPHYL, for spirits, oz.....	" Carb., oz.....	35
" Nitrate, oz.....	1 75	" for oils, oz.....	" Valerianate, oz.....	40
" Sulphate, oz.....	1 75	" for water, oz.....	CRESALOL, Para, oz.....	1 75
BUCKTHORN JUICE, lb.....	40	CHROMIUM, Acetate, oz.....	CROCUS, Martis, lb.....	8
CADMIUM, oz.....	20	" Carbonate, oz.....	CROTON, Chloral, oz.....	35
" Bromide, oz.....	20	" Chloride, soluble, oz.....	CUBEbine, oz.....	5 00
" Chloride, oz.....	20	" Chloride, solution, oz.....	CUMARIN, oz.....	60
" Iodide, oz.....	45	" Metal, oz.....	CUTTLE FISH BONE, lb.....	30
" Nitrate, oz.....	20	" Nitrate, oz.....	" Powd., lb.....	40
" Oxide, oz.....	50	" Oxide, oz.....	CYSTOGEN, powder, oz.....	1 00
" Sulphate, oz.....	20	" Powdered, oz.....	" Tablets, oz.....	1 10
" Sulphide, oz.....	35	" Sulphate, oz.....	CURARE, with active principle, 1 grain bot., ea.....	2 50
CAFFEINE, oz.....	35	CHINAPIHENIN, oz.....	DATURNINE, pure, 5 grain bot., ea.....	80
" Arseniate, 1/2 oz., ea.....	20	CHRYSAROBIN, oz.....	" Hydrochlor., " ".....	80
" Benzoate, 1/2 oz., ea.....	20	CINCHONINE, Muriate, oz.....	" Sulphate, " ".....	80
" Citrate, oz.....	25	" Pure Crystal, oz.....	DECOCT Aloes Co., lb.....	40
" Hydrobromate, oz.....	50	" Sulphate, oz.....	" Sarsac, lb.....	40
" Hydrochlorate, oz.....	35	" Salicylate, oz.....	DELPHININE, 15 grain bot., ea.....	1 25
" Nitrate, oz.....	1 25	CINCHONIDIA, Sulph., cz.....	DIABETIN, 100 grammes for.....	2 00
" Salicylate, oz.....	60	CINCHONIDINE, pure Cryst., oz.....	DIAPHATHERINE, oz.....	75
" Sulphate, oz.....	80	" Hydrochlor, cz.....	DIAPENTE, lb.....	25
" And Soda Benzoate, oz.....	1 00	" Iodide, oz.....		
" And Soda Citrate.....	1 00	" Tannate, oz.....		

DIASTASE, oz.....\$ 70	GELATINE, grammes, ea.....\$ 1 00	GUM, Spruce, lb.....\$ 1 20
DIASTINE, oz.....2 00	" Cooper's, lb.....75	" Substitute Yellow Dextrine, lb.....10
DIGITALIN, Amorph., grain.....4	" Cox's, per doz.....1 35	" White, lb.....15
" German, pure, 1/8 oz. bot. for.....80	GELATINE, French, Bronze label, lb.....40	GUM, Tamarac, lb.....1 28
" Digitine, pure, 5 grain tube, ea.....40	" Gold.....60	" Thus. (Turpentine), lb.....1 00
DIGITOXIN, Cryst., 1 grain tubes, ea.....1 25	" Red.....75	" Tragacanth, Extra Select, lb.....1 00
DIMEHYLAMIDO-AZO-BENZO Pure, oz.....1 25	" Silver.....45	" Pulv., lb.....1 10
DIONIN, 15 grain tube, ea.....40	GENTIAN VIOLET, oz.....45	" 2nd Select, lb.....75
DI THYMOL DI IODIDE, oz.....50	GELSEMIN, oz.....2 50	" 2nd Select Pulv., lb.....90
DIURETIN, Knoll, oz.....1 30	GELSEMIN, C.P., 5 grain bot., ea.....80	" Sorts, lb.....35
" Mercks (Theobromine and Soda Salicyl) oz.....1 10	" Hydrobromate, ".....80	HARTSHORN SHAVINGS, lb.....40
DORMIOL, Solution, 100 gramme bot., ea.....1 25	" Hydrochlorate, ".....80	HARMAOXYLIN, oz.....2 00
DUBOSIN, Sulphate, 2 grain tube, ea.....70	" Sulphate, ".....80	HAEMOL ARSENO, oz.....80
DULCIN, oz.....25	GINGERIN, oz.....30	" Bromo, oz.....80
EDINOL, powd., oz.....75	GLASS WOOL, oz.....1 00	" Cupro, oz.....80
EIGON, Alpha, 20 gramme bot., ea.....1 00	GLUCOSE, lb.....6	" Iodized, oz.....1 10
" and Sodium.....1 00	GLUTOL, oz.....1 00	" Zinc, oz.....80
" Beta, ".....1 00	GLYCERIN, lb.....24	HAEMOGALLOI, oz.....80
EIKONOGEN, oz.....35	" Mercks, lb.....60	HAEMOGLOBIN, oz.....1 00
ELATERIUM, 1/8 oz. bot., ea.....25	" Price's, lb.....65	HAEMOL, oz.....80
ELATERIN, Cryst., 15 grain bot., ea.....1 25	GLYCIN, oz.....65	HEDONAL, oz.....1 50
ELATERIN, Alkaloid, 5 grain bot., ea.....1 25	GLYCOLINE, lb.....32	HELENIN, 15 grain bottle, each.....50
" Resinoid, 1/8 oz., ea.....1 25	GLYOZONE, 1/2 bottles, each.....1 0	HELIOTROPIN, oz.....65
EPICARIN, Veterinary, oz.....40	GOLD BROMIDE MONO, 5 grain bots., each.....90	HELMITOL, oz.....1 00
" Pure, oz.....75	" Bromide Tri, 5 grain bottles, each.....75	HEROIN, 16 grain tubes, each.....35
ERGOL, lb.....85	" Chloride and Sodium, 15 grain bots., doz.....3 75	" Hydrochlor, 16 grain tubes, each.....35
" Pulv., lb.....1 00	" " Solution, oz.....3 15	HOLOCAINE, 1 gramme bottles, each.....30
ERGOTINE, Bonjean, oz.....50	" " Dry, 15 grain bottles, doz.....8 00	" Hydrochlor, 1 gramme bots., each.....35
ERYTHROL TETRANITRATE TABLETS, bots. of 50, ea.....2 00	" Cyanide Mono, 5 grain bots., each.....1 00	HOMEOTROPINE PURE, 1 grain tube, each.....45
ERYTHROPHLEINE, Hydrochlor., grain.....35	" Tri, 5 grain bottles, each.....1 00	" Hydrobromate, 1 grain tube, each.....35
ESRRINE, C.P., 5 grain bots., ea.....1 10	" Oxide, 5 grain bottles, each.....75	" Salicylate, 1 grain tube, each.....50
" Citrate, ".....75	GRALIQUE, oz.....1 70	" Sulphate, 1 grain tube, each.....50
" Hydromate, ".....75	GRAIN'S PARADISE, lb.....30	HONEY, lb.....14
" Hydrochlorate, ".....50	GUAIAACUM RAPID, lb.....15	HOPS, in packages, lb.....35
" Nitrate, ".....75	GUAIACOL, oz.....40	HYDRASTIA, Wht. Alkaloid, 15 gr. tu., ea.....40
" Pilocarpine, 3 grain tubes, ea.....65	" Benzoate, oz.....1 25	HYDRASTIN, Keith's, oz.....3 50
" Salicylate, 5 grain tubes, ea.....85	" Carbonate, oz.....55	" Muriate " oz.....4 50
" Sulphate, ".....1 15	" Salicylate, oz.....1 60	" Sulphate " oz.....5 00
" Tartrate, ".....75	" Valerianate, oz.....80	" Hydrochlor, 15 grain bottles, each.....60
ETHER, Sulph., German, lb.....50	GUAIAQUIN, 25 grammes, each.....3 00	" Sulphate, 15 grain bottles, each.....55
each.....40	GUAIALIN, oz.....1 65	HYDRASTININE, 15 grain bottles, each.....2 00
ETHYLENE, Bromide, oz.....60	GUETHOL, oz.....1 40	" Hydrochlor, each.....1 50
ETHYL, Bromide, oz.....40	GUARANA Pulv., oz.....12	HYDRIC, Acetate, oz.....25
" Iodide, oz.....75	GUN COTTON, oz.....50	HYDROQUINONE, oz.....25
EUCAINE, A, 5 gramme tube, ea.....75	GUM ALOES Barb, lb.....20	HYDROXAMINE Hydrochlor, 1/2 oz., each.....1 25
" B, ".....75	" Aloes Barb Pulv., lb.....30	HYOSCINE Hydrobrom 1 grain tubes, each.....35
EUCALYPTOL, oz.....20	" Cape, lb.....25	" Hydrochlor, 1 grain tubes, each.....35
EUDOXINE, oz.....2 25	" Pulv., lb.....35	" Hydriodate, " each.....35
EUGENOL, oz.....40	" Socot, lb.....50	" Pure Amorphous " each.....35
EUMENOL, oz.....40	" " Pulv., lb.....80	" Sulphate, " each.....35
EUMYDRIN, 1 grain tubes, ea.....10	" Ammoniac, lb.....50	HYOSCINAMINE, Pure, 1 grain tubes, each.....35
EUONYMIN, oz.....90	" Arabic Select, lb.....60	" Hydrobromate, 5 grain tubes, each.....35
EUPHORIN, oz.....1 00	" 2nd Sel., lb.....40	" Hydriodate, " each.....45
EUQUININE, 10 gram pckt., ea.....1 00	" Sorts, lb.....25	" Hydrochlor, " each.....35
EURESOL, 25 ".....1 00	" Pulv. Opt., lb.....60	" Sulph Amorphous, grains.....30
EUROBIN, 25 ".....1 00	" Sorts, lb.....40	HYPNONE, oz.....1 25
EUPHROPHEN, oz.....2 15	" Assafoetida, lb.....55	IATROL, oz.....1 50
EXALGINE, oz.....1 25	" Pulv., lb.....60	HTHALBIN, oz.....1 00
EXIDIN TABLETS, 1/2 gramme each. (Boxes of 10 tablets), box.....50	" Benzoin, lb.....50	CTHARGAN, 10 gramme pckts., each.....1 75
FERRATIN, oz.....1 25	" Opt., lb.....1 00	ICTHYFORM, oz.....1 40
FERROPYRINE, 25 gram pckt., ea.....1 35	" Catechu Com'l. (Japonica), lb.....12	ICHTHYOL, oz.....35
FLOWERS, Arnica, lb.....20	" Cubes, lb.....25	" Sodium, oz.....60
" Chamomile, German, lb.....35	" Pulv., lb.....30	INGLUVIN, oz.....1 25
" " Roman, lb.....30	" Copal, lb.....90	INSECT POWDER, lb.....30
" Calendula, lb.....80	" Damar, lb.....40	INCENSE, lb.....45
" Elder, lb.....30	" Elemi, lb.....65	IODINE Bromide, oz.....50
" Lavender, lb.....15	" Euphorbium, lb.....35	" Chloride Tri., oz.....55
" Rose, oz.....10	" Pulv., lb.....45	" Commercial, oz.....35
FORMALDEHYDE, lb.....25	" Galbanum, lb.....1 00	" Resublimed, oz.....40
FORMALINE, Scherings, lb.....65	" Gamboge, lb.....1 35	IODOCHLORIDE, oz.....80
" Pastilles, box of 20, ea.....30	" Pulv., lb.....1 40	ODOFORM, Cryst. or Powder, oz.....45
" Lamps, Scherings, ea.....1 75	" Guaiaicum, Ordinary, lb.....45	" Bitumenized, oz.....75
" Dusting powder in 1/2 lb.....80	" Pulv., lb.....50	" Deodorized, oz.....60
FORMIN, Merck's, oz.....35	" Opt., lb.....1 00	IODOMUTH, oz.....1 10
FORMOL, lb.....55	" Kino, lb.....70	ODOFORMOGEN, 25 grammes, each.....60
FLUOR SPAR, powd., lb.....12	" Pulv., lb.....80	IODOL, oz.....1 20
FLUORESCIN, oz.....1 00	" Mastic, lb.....50	ODOTHYRINE, 5 gramme pckt., each.....1 50
FLUORESCIN, oz.....1 00	" Myrrb, lb.....60	IODOPIN, 100 gramme pckt., each.....1 25
FULLER'S EARTH, lb.....8	" Pulv., lb.....60	IODOPHENIN, oz.....2 00
" Powd.....6	" Olibanum, lb.....25	IODOPYRINE, 10 gramme bottles, each.....50
GADUOL, oz.....40	" Sagapenum, lb.....1	IONONE, grain.....5
GALENA, oz.....5	" Sandrac, lb.....80	IRIDIN, oz.....2 50
GALLANOL, oz.....1 25	" Sang Draconis, lb.....40	IRON Acetate, oz.....25
GALLICIN, oz.....1 25	" Pulv., lb.....1 40	" Albuminate Scale, oz.....20
GALLOBROMOL, oz.....1 25	" Scammony, oz.....40	" Powd., oz.....30
GALLS, lb.....25	" Pulv., oz.....45	" Saccharated, oz.....25
GARLIC, lb.....25	" Seedlac, oz.....5	" Solution, lb.....50
GELANTHUM, 1/2 kilos, ea.....85	" Shellac, Orange, lb.....70	" Alum, lb.....55
GELATINE, for Hypodermic use, 100	" Bleached, lb.....60	" Ammoniated, lb.....1 00
	" Powd., lb.....75	" Ammon Mur, lb.....50
	" Storax, lb.....45	" Arsenate, oz.....15
		" Arseniate, oz.....15

IRON, Arsenite, oz.	\$ 20	LEAD, Nitrate, Pure, oz.	10	LITHIA, Acetate, oz.	\$ 55
" Benzoate, oz.	25	" Commercial, lb.	25	" Benzoate, oz.	25
" Bromide, oz.	25	" Oleate, oz.	25	" Bromide, oz.	30
" by Hydrogen, oz.	10	" Oxide, Black, oz.	10	" Carbonate, oz.	30
" Carb Precip., lb.	15	" " C.P., lb.	75	" Chlorate, oz.	40
" Sacch., lb.	30	" " Red, Pure, lb.	50	" Chloride, oz.	40
" Chloride (Ferric), oz.	10	" Oxalate, oz.	20	" Citrate, oz.	25
" " (Ferrous), oz.	12	" Peroxide, oz.	30	" Glycerinophos, oz.	1 00
" Citrate, oz.	10	" Silicate, oz.	10	" Iodide, oz.	75
" " Ammonia, lb.	65	" Sulphate, C.P., oz.	15	" Metal (15 grain bottles), each	1 5
" Citrate and Quinine, 4 percent., oz.	15	" Sulphide, oz.	15	" Nitrate, oz.	50
" Citrate & Quinine, 10 per cent., oz.	18	" Tannate, oz.	25	" Salicylate, oz.	25
" " B.P., oz.	23	" Tartrate, oz.	15	" Tartrate, oz.	75
" " and Strych., oz.	25	" Test, lb.	25	LITMUS, Granular, lb.	60
" " and Strychnine, oz.	18	LEAVES, Aconite, lb.	15	LITMUS, Cubes, lb.	35
" Dialysed, lb.	40	" Bay, lb.	15	LORETIN (25 grammes), each.	60
" Ferrocyanide, Pure, oz.	6	" Belladonna, lb.	30	LOSOPHEN (25 grammes), each.	2 00
" " Soluble, oz.	12	" " Powdered, lb.	40	LUPULIN, oz.	10
" Glycerinophosphate, oz.	35	" Buchu, lb.	35	LYCOPodium, lb.	1 25
" Hypophos, oz.	12	" Chestnut, lb.	20	LYCETOL, oz.	3 25
" Iodide, oz.	50	" Coca, lb.	40	LYSIDINE (25 grammes), each.	2 00
" " Saccharated, oz.	3	" Damiana, lb.	35	LYSOL, 1 kilo, each.	1 20
" Lactate, oz.	15	" Digitalis, lb.	30	" " 1/2 " each.	65
" Lactoid, oz.	1 00	" " Pulverized, lb.	35	" " 1/4 " each.	35
" Lactophosphate, oz.	1 50	" Eucalyptus, lb.	20	" " 100 grammes, each.	20
" Malleate, oz.	1 50	" Henbane, lb.	25	MAGNESIUM, Acetate, oz.	10
" and Manganese Citrate, oz.	20	" " Pulverized, lb.	30	" Borocitrate, oz.	10
" " Ferrous, oz.	20	" Henne, lb.	80	" Bromide, oz.	25
" " Peptonized oz.	20	" Jaborandi, lb.	30	" Carb. (ounces), lb.	20
" " " Solution, lb.	65	" Matico, lb.	60	" " (ponderous), lb.	35
" Oxalate, oz.	15	" Savin, lb.	15	" " (powdered), lb.	12
" " Ferric Scales, oz.	25	" Senna, ordinary, lb.	16	" Calcined, lb.	40
" " and Ammonia.	15	" " Opt., lb.	25	" " (ponderous), lb.	1 00
" " Potassium, oz.	25	" " Pulverized, lb.	30	" Chloride, oz.	5
" " Ferrous, oz.	20	" Stramony, lb.	20	" Citrate, lb.	30
" " Oxide Commercial, lb.	25	" " Pulverized, lb.	25	" Glycerophosphate, oz.	50
" " Black, oz.	20	" Uva Ursi, lb.	20	" Hypophosphite, oz.	30
" " Brown Pure, lb.	65	LEAVULOSE 100 grammes for.	75	" Iodide, oz.	80
" " Red Saccharated, lb.	50	LECITHIN (60 grain tube), each.	75	" Nitrate, oz.	10
" Peptonized, oz.	25	" Tablets (100 in bottle), bot.	1 75	" Oxide, oz.	10
" Perchloride, oz.	5	LEECHES, doz.	1 00	" Phosphate, oz.	20
" Persulphate, cz.	10	LENIGALLOL (25 gramme pkt), each.	1 00	" Powdered, oz.	40
" Phosphate Scale, oz.	10	LENIROBIN (25 gramme pkt), each.	1 00	" Ribbon, oz.	60
" " lb.	75	LEMON PEEL, lb.	20	" Salicylate, oz.	30
" Pyrites, lb.	25	LEPTANDRIN, oz.	50	" Sulphate, C. P. dried, lb.	35
" Pyrophos and Ammon Cit., lb.	80	LIME, Carbolate, lb.	10	" " Commercial, lb.	3
" " Soluble Scales, oz.	15	" Chloride, bulk, lb.	4	" Sulphite, oz.	25
" Rubigo, lb.	15	" " 1 lb.	6	" Sulphocarb., oz.	25
" Salicylate, oz.	25	" " 1/2 lb.	8	" Wire, oz.	60
" Sesquichloride, oz.	12	" " 1/4 lb.	10	MALAKIN, oz.	1 50
" Silicate, oz.	20	LIME free from Sulphur, oz.	5	MALLEIN (5 gramme tubes), each.	1 25
" Subsulphate, oz.	10	LINIMENT, Aconite, pt.	1 10	MALTOSE, oz.	90
" Succinate, oz.	30	" Belladonna, pt.	1 10	MANGANESE, Borate, oz.	20
" Sulph. Exsic, lb.	12	" Camph. Co., pt.	75	" Bromide, oz.	60
" " Pure, lb.	10	" Cantharides, oz.	12	" Carbonate, oz.	25
" Sulphate, Extra Pure, lb.	35	" Chloroform, oz.	5	" Chloride, oz.	20
" Sulphocarb, oz.	20	" Croton, oz.	10	" Citrate, oz.	40
" Sulphocyanide, oz.	30	" Iodine, oz.	12	" Hypophos, oz.	20
" Sulphuret, lb.	16	" Opil, oz.	5	" Iodide, oz.	1 00
" Tannate, oz.	25	" Pot. Iodide, oz.	10	" Metal, oz.	30
" Tart and Potash, oz.	10	" Saponis Co., pt.	50	" Oxide, pure heavy, oz.	15
" Valerianate, oz.	25	" Sinapis Co., pt.	2 50	" " Commercial, lb.	6
" Wire, fine, lb.	50	" Terebinth, pt.	50	" " Black, pure, oz.	10
" Sulphide Lumps, lb.	20	" " Acet., pt.	55	" " granular, lb.	10
" " Sticks, lb.	25	LIQUORICE, Paste, lb.	25	" Peptonized, oz.	35
ISINGLASS, American Fish, oz.	10	" Powd. Extract, lb.	35	" Peroxide, oz.	15
" Brazil, oz.	15	" Solazzi, lb.	50	" Phosphate, oz.	30
" Russian, oz.	40	" Y & S Sticks, 6 to pound, lb.	30	" Phosphite, oz.	15
ITROL, oz.	1 75	" Acme Pellets, 5 lb tins.	2 00	" Sulphate, oz.	12
JALAPIN, oz.	75	LIQUOR, Ammon. Acet., lb.	30	" Sulphite, oz.	40
JALAP RESIN, oz.	4 00	" Citras. Fort., lb.	50	MANNA, oz.	10
JUICE PAWPAW, oz.	1 25	" Antim. Perchlor, lb.	17	MANNIT, oz.	15
KAMALA, oz.	25	" Arsenici Hydrochlor., lb.	20	MEDULLADEN, 25 grammes ea.	4 00
KAOLIN, lb.	10	" Arsenicalis, lb.	12	MENTHOL, oz.	40
KEFIR, fungi, oz.	1 00	" Atropia Sulph., oz.	20	MENTHONAL, oz.	20
KERATIN, Peptonized, oz.	3 75	" Bismuth, lb.	40	MERCAPTOL, oz.	25
KOLA NUTS, lb.	40	" Camphor Co, for B.P. Tincture. lb.	1 30	MERCURO-iodo-HIEMOL, oz.	1 52
KOUSSO, oz.	10	" Carbo Detergens, lb.	50	MERCUR-THYMOL, Acetate, oz.	75
KOUSSEI N, oz.	6 00	" Donovan, lb.	25	MERCURIC, Nitrate, pure, oz.	25
KRESSAMINE, oz.	1 00	" Ferri, Acetas Fort., lb.	65	MERCURIOS, Nitrate, oz.	25
KRYOFINE, oz.	1 10	" " Indide, lb.	2 40	" Sulphate, oz.	20
LACTOPHENIN, oz.	1 00	" " Perchlor Fort., lb.	12	MERCURY, lb.	90
LACTUCARIUM, oz.	75	" " Permit, lb.	20	" Acetate, oz.	35
LANOLINE, lb.	95	" " Persulph, lb.	20	" Bichloride (Corrosive Sublimite), lb.	1 00
LANTHUM NITRICUM, oz.	50	" " Phos., lb.	80	" " Pulv., lb.	1 25
LARD, Benzoated, lb.	25	" Hydragr Perchlor, lb.	30	" Biniodide, oz.	35
LARGIN (5 gramme tubes), each.	60	" " Nit. Acid, lb.	1 00	" Bisulphate, oz.	10
LEAD, Acetate, C.P. Cryst., lb.	30	" Plumbi, Acetas, lb.	12	" Bromide, oz.	35
" " lb.	12	" Potassac, lb.	15	" With Chalk, oz.	5
" " Powdered, lb.	15	" Santal Flav. Co., lb.	1 50	" Chloride and Soda (Calomel), lb.	1 10
" Benzoate, oz.	25	" Soda Chlor., lb.	15	" Chlor. Ammon (White Precip.), oz.	10
" Carbonate, Neutral, lb.	50	" Soda Ethylate, oz.	25	" Cyanide, oz.	30
" Chloride, Pure, oz.	15	" Strychnine, lb.	40	" Gallate, oz.	40
" Foil, Assay, lb.	30	" Zinci Chlor., lb.	60	" Iodo Chloride, oz.	30
" Iodide, oz.	30			" Iodo Viride, oz.	30
" Monoxide, lb.	50				

MERCURY, Nitrate Cryst, oz.	\$ 15	OIL, Capsicum, oz.	\$ 60	OIL Rhodii, oz.	\$ 60
" Nitric Oxide (Red Precip.), lb.	1 10	" Caraway, oz.	25	" Rose, No. 2, 1/8th, ea.	80
" Oleate, 10%, oz.	5	" Cassia, oz.	15	" " virgin, 1/8th, ea.	1 00
" " 20%, oz.	10	" Castor, English 1sts, lb.	11 1/2	" Rosemary, opt., oz.	10
" " With Morphia, oz.	20	" " 2nds, lb.	11	" " coml. lb.	70
" " B.P., 1898, oz.	10	" " Pharmaceutical, lb.	12 1/2	" Rue, oz.	20
" Oxide Flav., oz.	10	" " Italian, lb.	20	" Rum, oz.	29
" Oxychloride, oz.	10	" " French, lb.	14 1/2	" Salad, pure, gall.	3 00
" Oxycyanuret, oz.	55	" Cedar, pure, lb.	85	" " patent, gall.	90
" Salicylate, oz.	40	" Cedar, No. 2, lb.	50	" Santal, opt., oz.	35
" Sulph. Flav. (Turpeth Mineral), oz.	10	" " Wood, lb.	50	" " W.I. oz.	20
" " With Sulph. (Ethiops Min'l),		" Cedrat, oz.	60	" " Pear's, oz.	40
" " oz.	10	" Cedri Ligni for Microscopy, oz.	50	" " Allen's, oz.	35
" Sulphate bi., oz.	25	" Celery, oz.	1 00	" Sassafras, lb.	1 00
" Sulphocyanide, oz.	30	" Chaulmoogra, oz.	10	" Sassafras, Artificial, lb.	50
" Tannate, oz.	25	" Chamomile, oz.	1 50	" Savin, oz.	15
MFSOTAN, oz.	75	" Cinnamon, True, oz.	1 00	" Skunk, lb.	60
METHACETIN, oz.	1 50	" Citronella, Coml, lb.	65	" Spearmint, oz.	50
METHYLAL, oz.	1 35	" " Opt., oz.	10	" Sperm, gal.	1 50
METHYLENE, Bichloride, oz.	65	" Cloves, oz.	20	" Spike, Coml., lb.	35
" Iodide, oz.	2 00	" Coconut, lb.	16	" " Fleur, oz.	1 50
MRTOL, oz.	70	" Cod Liver, N.F., p.	35	" Spruce, lb.	80
MICROCOSMIC SALTS, oz.	10	" " Norway, lb.	40	" St. Johnswort, lb.	50
MIGRAENIN, 25 grammes, ea.	1 50	" Cognac, Green, oz.	1 75	" Tansy, oz.	50
MILK SUGAR, lb.	27	" " White, oz.	5 50	" Tar, lb.	10
MISTURA, Ferri Co., lb.	30	" Cologne, oz.	80	" " Birch, lb.	10
" Glycysophaga Co. (U.S.P.), lb.	50	" Copaiba, oz.	10	" Wine, oz.	20
MORPHIA, Alkaloid, oz.	3 50	" Coriander, oz.	75	" Wintergreen, oz.	25
" Acetate, oz.	1 80	" Cotton Seed, gall.	80	" " Artificial, oz.	10
" Bromide, oz.	3 50	" Croton, oz.	15	" Wormseed, oz.	25
" Hydrobromate, oz.	3 50	" Cubebs, oz.	15	" Wormwood, oz.	40
" Meconate, oz.	3 60	" " Oleo Resin, oz.	25	" Ylang Ylang, oz.	6 50
" Muriate, oz.	1 80	" Cumin, oz.	40	OAKUM, lb.	12
" Phtalate, oz.	6 00	" Dill, oz.	30	OIL CAKE, ground, lb.	2
" Sulphate, oz.	1 75	" Erigeron, oz.	20	ointments, Belladonna, lb.	60
" Tartrate, oz.	3 50	" Eucalyptus, oz.	8	" Blue, lb.	65
" Valerianate, oz.	4 50	" Fennel, oz.	20	" Boracic Acid, lb.	50
MOLLIN, 1/2 kilo tins, ea.	1 00	" Fusel, pt.	56	" Calamine, lb.	40
MONOCHLOROPHENOL, oz.	60	" Geranii Rose, Opt., oz.	2 00	" Cantbar, lb.	75
MORRHUOL, see Gadual.		" " True, oz.	1 50	" Carbolie, lb.	40
MOSS, Iceland, lb.	15	" " Turkish, oz.	50	" Cetaceum, lb.	60
" Irish, lb.	12	" Gin, oz.	1 00	" Elder Flower, lb.	1 00
" " bleached, lb.	20	" Golden Rod oz.	50	" Gallae, lb.	40
MULBERRY JUICE, oz.	10	" Goose, lb.	60	" " Co., lb.	1 00
MUSK, Canton, oz.	1 50	" Hemlock, pure, lb.	90	" Hyd. Ammon. Chlor., lb.	70
" Pure grain, grain.	10	" " No. 2, lb.	40	" " Biniodide, lb.	75
MYDRINE, 1 grain bots, grain.	60	" Jasmine, oz.	25	" " Compd, lb.	1 25
MYRTOL, oz.	1 50	" Juniper Berries, oz.	12	" " Nitratis, lb.	50
NAPTHA, Mineral, pt.	30	" " Wood, lb.	60	" " Oxide Flav, lb.	90
" Wood, pt.	85	" Lavender, English, oz.	90	" " Oxide Rub, lb.	65
NAPHTHALINE, C.P. Cryst, oz.	12	" " Exotic, oz.	12	" Iodine, lb.	70
" C.P., Pulv., oz.	15	" " French, oz.	25	" " Compd, lb.	75
" Balls, lb.	6	" " Garden, oz.	5	" Iodoform, lb.	1 00
" Crystals, lb.	7	" Lemon, Opt., lb.	1 25	" Picis, lb.	45
" Recryst, Medicinal, oz.	10	" " No. 2, lb.	90	" Plumbi Acetas, lb.	45
NAPTHOL, Alpha, Recryst., Medicinal, oz.	25	" " Grass, oz.	20	" " Iodide, lb.	1 20
" Beta, Recryst., Medicinal, oz.	12	" Linseed, Boiled, gall.	66	" Resin, lb.	40
" Beta, Benzoate, oz.	35	" " Raw, gall.	62	" Simplex, b.	60
NARCEINE, Pure Cryst, 1/2 oz., ea.	1 50	" Mace, Essential, cz.	15	" Sulphur, lb.	40
" Hydrochlor, 1/2 oz., ea.	2 50	" " Expressed, oz.	12	" " Compound, lb.	20
NARCOTINE, 1/8 oz., ea.	40	" Mullein, oz.	50	" Veratrine, lb.	2 00
NEURODIN, 25 grammes, ea.	2 00	" Malefern, oz.	50	" Zinci Oxide, lb.	35
NICKEL, Metal, oz.	15	" Magnet, oz.	75	OLEOCREOSOTE, oz.	1 50
" Bromide, oz.	25	" Mustard, Artificial, oz.	35	OLEO-RESIN Capsicum, oz.	1 00
" Carbonate, oz.	15	" " Essential, oz.	50	" " Malefern, oz.	25
" Chloride, oz.	20	" Myrbane, lb.	20	OPIUM, lb.	4 25
" Iodide, oz.	85	" Neatsfoot, gall.	1 30	" Pulv., oz.	40
" Nitrate, oz.	15	" Neroli, oz.	3 00	ORANGE PEARL.	13
" Oxide, oz.	15	" Nutmegs, oz.	25	" Ground.	15
" Salt, lb.	25	" Olive, green, gall.	1 75	OREXIN, Basic, oz.	3 00
" Sheet, oz.	10	" " yellow, gall.	1 50	" Tannate, oz.	2 50
" Sulphate, oz.	40	" Orange, oz.	25	ORTHOFORM, oz.	1 35
NOSOPHEN, oz.	1 75	" Origanum, white, oz.	10	ORTOL, oz.	1 00
NUX VOMICA, powd., lb.	20	" " red, pure, lb.	65	OVARIN POWDER, oz.	3 00
NYLANDERS, Reagent, lb.	1 00	" " No. 2, lb.	40	OXYMEL SQUILLS, lb.	30
OIL, Amber, crude, lb.	40	" Palm, lb.	13	OXYSPARTEINE HYDROCHLORATE, 15	
" " rectified, lb.	50	" Palma Rose, oz.	40	grain tube, ea.	65
" Amygdal Amara, pure, oz.	60	" Patchouli, oz.	1 00	PALLADIUM, Chloride Cryst., 1 gramme	
" " artificial, oz.	10	" Pennyroyal, oz.	16	bots, ea.	75
" " Persic, oz.	45	" Pepper, black, oz.	65	" Chloride Dry, 15 grain bots, ea.	1 00
" " Dulz, lb.	40	" " oleo resin, oz.	2 50	PANANALID, 4 oz. bottle for, ea.	1 00
" Angelica, oz.	1 20	" Peppermint, American, oz.	45	PANCREATINE, Pure Active, oz.	35
" Aniline, oz.	10	" " English, oz.	1 25	PAPAIN, Finkler, oz.	2 50
" Anise, oz.	20	" " Todds, oz.	45	" Mercks, oz.	1 00
" Apple, oz.	55	" Petit, gran., oz.	75	PARACETPHENETIDINE, oz.	15
" Banana, oz.	10	" Petrolatum, gall.	1 50	PARACHLORSALOL, oz.	1 00
" Bays Green, oz.	5	" Phosphorated, oz.	10	PARACOTOIN, 15 grain bottle, ea.	35
" Bay Rumoz.	35	" Pimento, oz.	35	PARAFORMALDEHYD, oz.	30
" Bergamot, oz.	30	" Pine needles, oz.	20	PARACRESOL, oz.	50
" Cade, oz.	5	" Pinus, pumilio, oz.	35	PARALDEHYDE, oz.	16
" Cajeput, oz.	12	" " Sylvestris, oz.	15	PELLETIERINE, Sulphate, 15 grain bottle,	
" Camphor, oz.	20	" Poppy, oz.	10	ea.	1 65
		" Rangoon, pure, lb.	25	" Tannate, 15 grain bottle, ea.	40
				PELLOTINE, Hydrochlor, 5 grain bot., ea.	6 25
				PENTAL, 10 gramme bottle, ea.	75

PEPSINE, Boudaults, oz.	\$ 1 40	POTASSIUM, Hydrogen Sulphide, oz.	\$ 25	QUININE, Hypophosphite, oz.	\$ 1 00
“ Scale Pure Soluble, lb.	4 50	“ Hydroxide See Potass. Caustic. .		“ Iodide, oz.	75
“ Pure Soluble Powder, oz.	25	“ Hypophos, oz.	12	“ And Iron Valerianate, oz.	1 00
PEPTONE, Meat Dry, oz.	30	“ Iodide, lb.	4 00	“ Lactate, oz.	75
PEPPER, Long, lb.	40	“ “ C.P., oz.	50	“ Phosphate, oz.	75
PETROLATUM, Yellow, lb.	12	“ And Mercury Iodide, oz.	80	“ Salicylate, oz.	65
“ White, lb.	15	“ Metabisulphite, oz.	10	“ Sulphate, German, oz.	32
“ Snowwhite, lb.	25	“ Metantimoniate, oz.	10	“ “ Howards, oz.	40
PHENACETINE, oz.	35	“ Nitrate, lb.	8	“ Tannate, oz.	40
PHENAMID, Powd, oz.	1 10	“ “ C.P., lb.	35	“ And Urea Hydrochlorate, oz.	1 00
PHENOCOL, Hydrochlorate, 5 grammes.		“ Nitrite, oz.	12	“ Valerianate, oz.	75
ea.	35	“ Oxalate Neutral, lb.	35	RESORCIN, oz.	20
PHRNALGINE, Capsules, oz.	1 40	“ Perchlorate, oz.	10	“ C.P., oz.	40
“ Powd, oz.	1 40	“ Permanganate, lb.	30	RHIGOLINE, lb.	75
“ Tablets, oz.	1 40	“ “ Large Crystals, pure, oz.	10	RICE FLOUR, lb.	9
PHENAZONE, oz.	25	“ Picrate, oz.	30	RODINAL, 3 oz. bottle for.	50
PHENOL, Bismuth, oz.	85	“ Phosphate, C.P., oz.	12	ROOT, Aconite, lb.	20
“ Chloride, oz.	40	“ Prussiate Red, Cryst., lb.	65	“ Aconite, Pulv., lb.	30
PHENOPHTALEIN, 1/2 oz. for.	10	“ “ Prussiate Red, Pulv., lb.	75	“ Alkanet, lb.	25
PHENOSALYL, oz.	25	“ “ Yellow, Cryst., lb.	25	“ Angelica, lb.	30
PHENYLHYDROXINE, Hydrochlor, oz.	50	“ “ Pulv., lb.	30	“ Arnica, lb.	30
PHLOROGLUCIN, 1/2 oz., ea.	60	“ Pyrophosphate, oz.	20	“ Belladonna, lb.	20
“ Vanillin, 1/2 oz., ea.	20	“ Pyrosulphite, See Metabisulphite. .		“ “ Powd, lb.	30
PHOSPHORUS, lb.	95	“ Salicylate, oz.	25	“ Blood, lb.	25
“ Pentachloride, oz.	50	“ Silicate, lb.	25	“ “ Pulv., lb.	30
“ Pentoxide, oz.	60	“ And Soda Borotartarate, oz.	20	“ Burdock, lb.	15
“ Red, oz.	10	“ and Soda Tartrate, C.P., Cryst., lb.	65	“ “ cut, lb.	16
“ Trichloride, oz.	55	“ Sulphate, Cryst., lb.	13	“ Calamus, lb.	50
PICROTOXIN, oz.	5 00	“ “ Pulv., lb.	15	“ Colchici, lb.	20
PILOCARPINE, Alkaloid, 5 grain bot., ea.	50	“ “ for fertilizing, lb.	6	“ Columba, lb.	15
“ Hydrobromate, 5 grain bottle, ea. .	50	“ “ C.P., Cryst., oz.	5	“ Curcuma, Pulv., lb.	15
“ Muriate, “ “ “ “ “ “	30	“ “ C.P., Powd., oz.	6	“ Dandelion, lb.	15
“ Nitrate, “ “ “ “ “ “	30	“ Sulphite, lb.	50	“ Dock, Yellow lb.	16
“ Salicylate, “ “ “ “ “ “	50	“ Sulphocarb, oz.	20	“ Elecampane, lb.	15
“ Sulphate, “ “ “ “ “ “	50	“ Sulphocyanate, oz.	15	“ “ Pulv., lb.	20
“ Tannate, “ “ “ “ “ “	1 25	“ Sulphocyanide, oz.	12	“ Galangal, lb.	15
“ Valerianate, “ “ “ “ “ “	50	“ Sulphide, lb.	60	“ Gentian, lb.	10
PIPE CLAY, in squares, lb. : .	6	“ Sulphuret, lb.	30	“ “ Pulv., lb.	15
PIPERAZINE, 1/2 oz., ea.	50	“ Tartrate, lb.	85	“ Ginseng, oz.	50
“ Tablets, 10 only, 16 grains ea. in		“ Tellurate, 15 grain tubes, ea.	75	“ Golden Seal, whole, lb.	2 00
tube, tube.	1 25	PROPYLAMINE, oz.	60	“ “ powdered, lb.	2 10
PIPERINE, oz.	1 50	“ Chlor., oz.	2 50	“ Hellebore, White, Pulv., lb.	15
PITCH, Black, lb.	5	PROTARGOL, oz.	1 70	“ Ipecac, oz.	20
“ Burgundy, lb.	10	PROTAN POWDER, oz.	50	“ Jalap, lb.	35
PLATINUM, Bichloride, 1/2 oz. bottle, ea.	2 25	PULVIS, Aloes Co., lb.	30	“ “ Pulv., lb.	40
“ Chloride, 1/2 oz. bottle, ea.	2 25	“ Amygdal, lb.	60	“ Leptandrin, lb.	30
“ Spongy, oz., pieces.	3 60	“ Antimon Co., lb.	50	“ Licorice, Extra Select, lb.	12
“ And Barium Cyanide, 5 grain bots.,		“ Aromatic or Cinnamon Co., lb.	75	“ “ small sticks, lb.	18
each.	50	“ Creta Aromat., lb.	50	“ “ Pulv., lb.	13
“ Foil, grain.	9	“ “ Camph., lb.	20	“ Mandrake, lb.	20
“ Wire, grain.	9	“ “ C Opil, lb.	75	“ “ Gr'd, lb.	22
PLUMBAGO, lb.	10	“ For Mistura Creta, lb.	35	“ Marshmallow, lb.	40
PODOPHYLLIN, oz.	36	“ Ipecac Co., oz.	10	“ Orris, lb.	35
POPPY HEADS, per 100.	1 00	“ Jalap Co., oz.	5	“ “ Pulv., lb.	40
POTASSIUM, Pure, 1/2 oz., ea.	35	“ Kino Co., oz.	10	“ Pareira Brava, lb.	20
“ Acetate, lb.	40	“ Licorice Co., lb.	20	“ Pleurisy, lb.	20
“ “ C.P., lb.	50	“ Opil Co., oz.	10	“ Pyrethrum, lb.	35
“ Arsenate, oz.	20	“ Rhei Co., lb.	50	“ Rhatany, lb.	50
“ Arsenite, oz.	20	“ Scammony Co., oz.	30	“ Rhei, E.I., lb.	60
“ Benzoate, lb.	30	“ Seidlitz, lb.	25	“ “ Pulv., lb.	1 00
“ Bicarb, lb.	15	“ Tragacanth Co., lb.	45	“ “ Turkey (so-called), lb.	3 00
“ “ Pulv., lb.	16	“ Thompson's Composition, lb.	40	“ “ Pulv., lb.	3 10
“ “ C.P., Cryst., lb.	40	PTYALIN, Active, oz.	1 25	“ Sarsaparilla, Honduras, lb.	50
“ Bichromate, lb.	12	PUTTY POWDER, lb.	60	“ “ Mexican, lb.	30
“ “ C.P., lb.	50	PYOKTANNIN, Blue, 10 grammes for.	80	“ Senega, lb.	1 10
“ Bisulphate, lb.	50	“ Yellow, 10 grammes for.	80	“ Serpentaria, lb.	65
“ Bisulphite, lb.	75	PYROCATECHIN, oz.	60	“ Snake Root, See Serpentaria.	
“ Bitart, Pulv., lb.	27	PYRIDIN, C.P., oz.	25	“ Sombul, lb.	40
“ “ C.P., lb.	75	PYRODIN, C.P., oz.	1 60	“ Spigelia, lb.	35
“ Borate, lb.	80	PYROGALLOL, Bismuth, oz.	1 35	“ Squills, white, lb.	12
“ Bromide, lb.	55	PYROLIGNINE, oz.	1 20	“ “ Pulv., lb.	35
“ “ C.P., oz.	10	PYROZONE, 3% doz.	5 50	“ Stone, lb.	20
“ Carbonate, lb.	12	QUASSIA CHIPS, lb.	10	“ Tormentilla, lb.	40
“ “ C.P., lb.	50	QUASSIN, Cryst., C.P., 15 grain bot., ea.	2 25	“ “ Pulv., lb.	60
“ Caustic, Purif. by Alcohol, lb.	85	QUINALGEN, oz.	1 60	“ Valerian, lb.	15
“ “ Pure Sticks, lb.	55	QUINAPHTHOL, oz.	3 00	“ Veratrum Viride, lb.	25
“ Chlorate, lb.	14	QUINIDINE, Pure, Cryst., oz.	1 60	SACCHARINE, oz.	30
“ “ Pulv. lb.	16	QUINIOIDINE, Pure, Cryst., oz.	30	SAFFRON, American, oz. .	15
“ “ C.P., lb.	40	QUININE, Acetate, oz.	85	“ Spanish, oz.	80
“ Chloride, lb.	30	“ Alkaloid, oz.	85	SAL Acetosella, lb.	25
“ Chloroplatinat, 15 grain bots., ea.	75	“ Arsenate, oz.	85	“ Carlsbad Artificial, lb.	15
“ Chromate Yellow, C.P., oz.	10	“ Bisulphate, oz.	65	“ Craborchard, lb.	40
“ Citrate, lb.	65	“ Borate, oz.	75	“ Epsom, lb.	3
“ “ Eff Bishops, 1 bots., ea.	1 50	“ Bromide, oz.	65	“ “ Howard's, lb.	5
“ And Cobalt Nitrite, oz.	1 25	“ Cacodylate, oz.	2 00	“ Glauber, lb.	3
“ Cyanide, Coml, lb.	35	“ Citrate, oz.	70	“ Nitre (Potash), Crystal, lb.	8
“ “ C.P., lb.	40	“ Dihydrochlorate, oz.	1 25	“ “ Gran., lb.	8
“ Ferric Cyanide, Pure Cryst., oz.	12	“ Ferro Cyanide Hydro, oz.	75	“ “ (Soda) Crystal, lb.	6
“ Ferri “ “ “ “ “ “	10	“ Glycerinophosphate, oz. .	1 60	“ “ Gran., lb.	6
“ Ferro “ “ “ “ “ “	10	“ Hydrobromate, oz.	80	“ Prunella, lb.	20
“ Fluoride, Pure, oz.	20	“ Hydrochlorate, oz.	80	“ Rochelle, lb.	29
“ Glycerophosphate, oz.	35	“ Hydriodate, oz.	75	“ Rochelle, Crystal, lb.	35

SAL, Rock, lb.	\$ 2	SODA, Aluminate, oz.	\$ 25	SOLUTION, Fehlings No. 2, oz.	\$ 10
" Soda, lb.	2½	" and Ammonia Phos. (Microcosmic Salts), lb.	85	" Hydrag Bichlor, lb.	65
SALICINE, oz.	40	" Arsenate, Pure dry, oz.	15	" Nitroglycerine, 1 per cent., oz.	15
SALIGENIN, 15 grain bots. each.	50	" Arseniate, oz.	5	" 10 per cent., oz.	20
SALOL, oz.	10	" Arseniate, Pure Cryst., oz.	10	" 25 per cent., oz.	35
SALIPYRINE, oz.	35	" Arsenite, Pure, oz.	10	" Potash Hydrosulphide, lb.	40
SALOPHEN, oz.	1 20	" Ash, lb.	3	" Platinate, oz.	15
SANGUINARINE, Alkaloid, 5 grain bots., each.	50	" Benzoate, oz.	10	" Soda Hypochlorate, oz.	25
" Nitrate, 5 grain bots., each.	50	" from Benzoic acid, oz.	35	" Vlemmicks (Calcium Sulphide), Wr.	65
" Sulphate, 5 grain bots., each.	50	" Bicarb, lb.	4	" Normal Volumetric Acid Hydrochlor, Wr.	2 25
SANOFORM, oz.	1 00	" Chance's, lb.	10	" " Sulph, Wr.	2 25
SANTONINE, oz.	75	" Crystals, lb.	40	" " Potash, Wr.	2 25
SAPONIN, ½ oz. bot., each.	15	" Howard's, lb.	15	SOMATOSE, oz.	55
SCILLIPICRIN, 15 grain bots., each.	35	" Bichromate, fused, oz.	5	" And Iron, oz.	60
SCOPOLAMINE Hydrobrom, 5 grain bots. each.	80	" Bisulphate, pure cryst., lb.	45	SOMNAL, oz.	65
SEEDS, Angelica, lb.	35	" Bisulphite, lb.	30	SOY, Indian, gal.	75
" Anise, lb.	13	" Pure dry, lb.	50	SOZIODOL, Mercury.	1 75
" Pulv., lb.	15	" Bromide and Caffeine Citrate, lb.	1 00	" Potassium, oz.	1 25
" Star, lb.	40	" Bromide Gran. lb.	65	" Sodium, oz.	1 00
" Annatto, lb.	16	" Cacodylate, oz.	1 30	" Zinc, oz.	1 60
" Burdock, lb.	30	" Carb. C.P. Cryst. lb.	25	SPARTEIN, Sulphate, ½ oz. bot., ea.	25
" Canary, lb.	8	" C.P. Dried, lb.	40	SPERMACEIN, lb.	55
" Cardamon, Decort., lb.	1 20	" Carbolate, oz.	25	SPIRITS, Ammon. Aromat., lb.	65
" Malabar, lb.	1 20	" Caustic, lb.	6	SPIRITS, Camphor, pt.	85
" Pulv., lb.	1 60	" Gran., lb.	10	" Chloroform, lb.	65
" Caraway, lb.	12	" C.P. Sticks, lb.	60	STANNOUS Chloride, C.P., oz.	15
" Pulv., lb.	15	" " Pure by Alcohol lb.	85	STANNIC " C.P., oz.	25
" Celery, lb.	20	" Chlorate, lb.	40	STARCH, Iodized, oz.	30
" Colchici, lb.	90	" Chloride, pure, oz.	5	" Powd., lb.	8
" Pulv., lb.	95	" Choleate, oz.	20	STEARINE, lb.	30
" Conium, lb.	30	" Cinnamate, ½ oz. each.	20	STRONTIA, Acetate, oz.	30
" Coriander, lb.	15	" Citrate, lb.	90	" Bromide, oz.	12
" Pulv., lb.	18	" Dithio Salicylate Beta, oz.	1 25	" Chlorate, oz.	20
" Croton, lb.	25	" Ethylate, Dry, oz.	1 00	" Chloride, oz.	20
" Cumio, lb.	25	" Solution, oz.	25	" Iodide, oz.	75
" Pulv., lb.	30	" Richardson's, oz.	75	" Lactate, oz.	15
" Dill, lb.	20	" Formate, oz.	40	" Muriate, oz.	5
" Fennel, lb.	15	" Glycero-phosphate, oz.	35	" Nitrate, lb.	20
" Pulv., lb.	20	" Hypochlorite Solution, oz.	10	" dry, lb.	25
" Flax, lb.	4	" Hypophosphite, cz.	10	" Oxalate, oz.	10
" Pure ground, lb.	4½	" C.P., oz.	50	" Oxide Caustic Cryst., pure, oz.	10
" Foenugreek, Pulv.	7	" Hyposulphite, lb.	4	" Salicylate, oz.	20
" Hemp, lb.	6	" Iodide, oz.	28	" Sulphide, oz.	20
" Hyoscyamus, lb.	50	" Lactate Syr., oz.	35	STROPANTHIN, oz.	2 00
" Hyssop, lb.	35	" Meconate, oz.	2 25	STRYCHNINE, oz.	80
" Jambul, oz.	15	" Naphtholate, oz.	75	" Acetate, oz.	2 00
" Lobelia, lb.	75	" Nitrate Crude, lb.	5	" Arsenate, oz.	2 00
" Maw, lb.	20	" " Pure Cryst., oz.	5	" Arsenite, oz.	2 00
" Mustard, white, lb.	10	" Nitro-prusside, oz.	1 00	" Citrate, oz.	2 25
" Pumpkin, lb.	30	" Nitrite, lb.	6	" Hydrobromate, ½ oz. for.	35
" Quince, lb.	60	" " C.P. Sticks, oz.	20	" Hydrochlorate, "	25
" Rape, lb.	6	" Oxalate, oz.	5	" Hypophos., "	40
" Sabadilla, lb.	30	" Paracresote, oz.	75	" Nitrate, "	25
" Pulv., lb.	35	" Permanganate, oz.	10	" Phosphate, "	20
" Stavesacre, lb.	35	" Phosphate Gran., lb.	10	" Salicylate, "	25
" Pulv., lb.	54	" Pure, lb.	20	" Sulphate, oz.	80
" Stramonium, lb.	30	" Phosphate C.P. Cryst., lb.	35	" Valerianate, ½ oz. for.	75
" Stropanthus, oz.	10	" C.P. Pulv., lb.	40	STYPTICIN, 15 grain bot., ea.	30
" Wormseed, lb.	30	" " Dry, lb.	55	STYRONE, Liq., oz.	1 50
SILVER, Bromide, oz.	2 00	" Phosphomolybdate, oz.	20	SUCCUS CINIUM, lb.	75
" Chloride, oz.	1 00	" Pyrophosphate, lb.	90	SUCROL, oz.	1 25
" Citrate, oz.	2 50	" Pure, oz.	10	SULFONAL, oz.	30
" Cyanide, oz.	2 00	" Salicylate, lb.	65	SULPHAMINOL, oz.	2 00
" Iodide, oz.	2 00	" Natural, oz.	95	SULPHUR, Chloride, oz.	30
" Nitrate, Cryst., oz.	75	" Santoninate, oz.	80	" Iodide, cz.	50
" Fused, oz.	90	" Silicate, lb.	8	" Precipitated, lb.	12
" Oxide, oz.	1 50	" Silicofluoride, oz.	35	" opt., lb.	20
" Precipitated, oz.	3 50	" Succinate, oz.	20	" Powdered, lb.	3
" Sulphate, oz.	1 50	" Sulphate Com'l, see Sa Glauber.		" Sublimed, lb.	4
" Wire, oz.	6 00	" C.P. Cryst., lb.	25	" extra, lb.	4½
SNUFF, Copenhagen, b.	1 40	" C.P. Dried, lb.	30	" Roll, lb.	3
" Macc, lb.	65	" Sulphite Cryst. or Granulated, lb.	7	" Vivum, lb.	6
" Scotch, lb.	65	" C.P., lb.	35	SYPHOKAL, 25 grammes for.	2 50
" Lorillards, lb.	90	" Dried C.P., lb.	50	TAMARINDS, lb.	10
SOAP, Arsenical, lb.	40	" Pure Recryst., oz.	25	TANNALBIN, oz.	65
" Barilla Ash, lb.	25	" Sulphocarb, oz.	10	TANNIGEN, oz.	85
" Castile, Contr'd, lb.	17	" Sulphosalicylate, oz.	65	TANNOFORM, oz.	50
" Shell, lb.	10	" Sulphovinate, oz.	12	TANNOPINE, oz.	80
" Pulv., lb.	25	" Tannate, oz.	20	TAR, Barbadoes, lb.	16
" Curd, lb.	25	" Tartrate, C.P., oz.	55	" Stockholm, lb.	15
" Coconut, lb.	25	" Neutral, oz.	15	TEREBENE, oz.	10
" Soft English, lb.	8	" Tellurate, 15 grains for.	25	TERPIN, Hydrate, oz.	10
" Viride, lb.	30	" Tetroborate, oz.	50	" Peroxide, oz.	1 00
" Whale Oil, lb.	12	" Thiosulphate, see Hyposulphite		TERPINOL, Liquid, oz.	40
SODIUM, Metal, ½ oz. bots., each.	18	" Tungstate, lb.	55	TETRATHYL, Ammonium Hydroxide, ½ oz. for.	1 50
" Acetic Theocin, oz.	3 25	" C.P., oz.	10	TETRONAL, 25 grammes for.	3 50
" Glychollate, oz.	2 00	" Uranate, oz.	40	THALLINE, Sulphate, oz.	3 00
" Iodide, oz.	40	" Valerianate, oz.	45	" Tartrate, oz.	3 25
SODA, Acetate, lb.	20	SOLANINE, 15 grain bot., each.	2 25	THEOBROMINE, oz.	2 00
" C.P., oz.	5	SOLUTION Clemens (Arsenic Bromide) lb.	50	" Salicylate, oz.	2 50
" Pure fused, oz.	13	" Dobell's, lb.	20		
		" Fehlings No. 1, oz.	5		

THEOPROMINE, and Soda Salicylate, oz.	\$ 90
THERMODIN, 25 grammes for.	2 00
THERMOL, oz.	1 00
THIOCOL, oz.	1 40
THIOFORM, oz.	75
THIOCIN, oz.	3 60
THIOL, oz.	50
THIOSINAMINE, oz.	90
THORIUM, Nitrate, oz.	50
THYMOL, oz.	30
THYRADEN, 25 grammes for.	1 30
THYROIDINE, oz.	1 25
THYROIDIN, 25 grammes for.	1 25
TIN, Metal Sticks, oz.	10
“ Granulates, lb.	1 00
TITANUM, oz.	75
TOLUENE, lb.	60
TOW, lb.	20
TOW, Carbolated, lb.	40
“ Styptic, lb.	35
TRIBROMPHENOL, oz.	1 60
“ Bismuth, oz.	65
TRIETHYLATE, oz.	60
TRIFERRIN, oz.	1 20
TRIKRESOL, oz.	15
TRIMETHYLAMINE, oz.	55
TRIONAL, oz.	1 20
TRIPHENIN, oz.	65
TROPACCAINE, 5 grains for.	20
TUMENOL, 25 grammes for.	55
TURPENTINE, Chian, oz.	40
“ Venice, lb.	15
UNGUENTUM, Crede, oz.	1 20
URANIUM, Acetate, oz.	1 00
“ And Ammon. fluoride, oz.	1 50
“ Chloride, oz.	65
“ Nitrate, oz.	50
“ Oxide, oz.	55
“ Sulphate, oz.	60
UREA Crystals, pure, oz.	30
“ Nitrate, oz.	45
URECIDIN, oz.	60
URETHANE, oz.	50
UROPHERIN, oz.	2 50
UROTROPIN, oz.	\$ 35

UROTROPIN, Schering's, oz.	\$ 80
VALIDOL, 25 grammes for.	1 25
VANILLINE, oz.	90
VERATRIA, pure, 1/4th oz. for.	40
VERDIGRIS, Balls, lb.	30
“ Pulverized, lb.	35
VERONAL, oz.	2 00
VINEGAR, Cantharides, lb.	60
“ Squills, lb.	10
WATER, Anise, lb.	10
“ Camphor, lb.	10
“ Cherry Laurel, lb.	25
“ Chlorine, lb.	10
“ Cinnamon, lb.	20
“ Dill, lb.	10
“ Distilled, gal.	5
“ Elderflower, lb.	35
“ Fennel, lb.	10
“ Lime, pt.	7
“ Orange Flower, lb.	30
“ Peppermint, lb.	20
“ Rose, lb.	30
WAX, Bayberry, lb.	40
“ Brazil or Caruba, lb.	60
“ Ceracine, lb.	25
“ Japan, lb.	30
“ Paraffin Sterelized, 25 gramme pack-ages, ea.	65
“ Paraffine, lb.	20
“ White, No. 1, lb.	70
“ “ No. 2, lb.	50
“ Yellow (Beeswax), lb.	45
WINE, Aloes B.P., lb.	60
“ Antimony, lb.	60
“ Colchici. Rad., lb.	50
“ “ Sem., lb.	55
“ Ergol, lb.	70
“ Ipecac, lb.	60
“ Iron, lb.	60
“ Citrate, lb.	50
“ Opium, lb.	1 00
“ Orange, lb.	25
XYLOL, oz.	5
YOHIMBINE, Crystal (3 grain tubes), each	1 50
“ Tablets (tubes of 10), each	90
ZINC, Acetate, pure, oz.	10

ZINC, Benzate, oz.	\$ 25
“ Bromide, oz.	30
“ Carbolate, oz.	40
“ Carbonate, lb.	40
“ “ Precip., oz.	10
“ Chlorate Fused, oz.	15
“ Chloride, Fused, oz.	18
“ “ Granul., oz.	10
“ Cyanide, oz.	12
“ Ferrocyanide, oz.	15
“ Granulated, lb.	15
“ “ free from Arsenic, oz.	6
“ Hypophosphite, oz.	65
“ Iodide, oz.	65
“ Lactate, oz.	15
“ Metal, pure, oz.	10
“ Nitrate, pure, oz.	15
“ Oleate, oz.	5
“ Oxide, lb.	15
“ “ Pure, lb.	20
“ “ Hubbuck's, lb.	60
“ “ Dry process, lb.	30
“ Permanganate, oz.	60
“ Phosphate, oz.	15
“ Phosphide, oz.	3
“ Salicylate, oz.	30
“ Stearate, oz.	25
“ “ Comp., oz.	50
“ “ With Aristol, oz.	3 00
“ “ With Ichthyol, oz.	80
“ Sulphate, pure, lb.	10
“ “ C.P. Cryst., lb.	20
“ “ C.P. Gran., lb.	25
“ “ C.P. Dried, lb.	50
“ Sulphide, pure, oz.	15
“ Sulphite, oz.	25
“ Sulphocarb, oz.	10
“ Sulphydrate, oz.	35
“ Sulfuratum, oz.	12
“ Tannate, oz.	10
“ Valerianate, pulv., oz.	20
“ “ Cryst., oz.	30

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Pharmaceutical Chemist

122 St. Lawrence Main Street

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MONTREAL

The Canadian Druggist

VOL. XVII.

TORONTO, FEBRUARY, 1905

No 2

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

Telephone, Main 3203

TORONTO, ONT.

Cable Address : SAYD, TORONTO

PUBLISHER'S NOTICE

We have decided to change the date of publication of The Canadian Druggist and commencing with the issue for March will publish on the 1st of each month instead of the 15th, as formerly.

All correspondence or articles for insertion, as well as all changes of advertisements should reach this office not later than the 20th of the month to insure insertion in the next month's issue.

Toronto, February 15th, 1905.

PRESCRIPTION PRICES

We have on various occasions brought before our readers the desirability of having some fixed standard of prices to be charged for prescriptions, instead of varying charges, which lead to much annoyance between customer and druggist, and which to the outside public must appear at times very strange and perhaps savoring of extortion. We are pleased that the Toronto Drug Section have taken this matter in hand and have formulated a tariff of charges the full text of which we published in our last issue, giving the trade something which we believe can be adopted, not only in Toronto and throughout this province, but also throughout the whole Dominion.

The prices on the whole will commend themselves as being not only fair to the druggist but also quite as reasonable to the customer as could in all fairness be asked for, and, in fact, the only

fault that can be found would, we believe, be that the prices named are in many instances lower than those at present charged in many places. The charge for time at seventy-five cents an hour is certainly a modest one, but is one which is too frequently overlooked in making the price. It is not merely the charge of an ordinary skilled workman or merely as payment for the intelligent knowledge of drugs and the compounding of them, but the still more serious item of responsibility and that not only for the dispenser's part in the preparation of the prescription, but also in many cases in correcting errors made by the physician in prescribing, the responsibility of such correction resting upon the dispenser.

We trust that druggists everywhere throughout Canada will as far as possible adopt the schedule given, and will in every case mark the price charged on the prescription itself, so that if the prescription or a copy of it be presented elsewhere the same uniformity in price will prevail. We would be pleased to hear from our readers as to any suggested changes or additions to the schedule.

SUBSTITUTION IN CHICAGO

Quite a startling sensation has been created in drug circles in Chicago by the publication of the results of the preparation of 139 prescriptions in which aristol was called for, and in only 31 of that number was that drug dispensed; of the others 23 contained no trace of the product, 66 were eighty per cent. impure and 10 were twenty per cent. impure. It is stated that the prescriptions were sent out as decoys by the Farbenfabriken of Elberfeld Co., but no matter, the substitution was proven and the lamentable fact made public that out of 139 druggists only 31 were found conscientious enough to furnish the drug asked for.

It is sad commentary on the state of the drug trade in Chicago, and although, as a contemporary says, "the mistake must not be made of assuming that they indicate the extent to which adulterated and sophisticated drugs are sold," yet the fact is apparent that for the sake of additional profit a large proportion of pharmacists do not hesitate to rob the manufacturer of legal rights or to endanger, it may be, the lives of

those whom it is their right equally with the physician to succor in time of sickness or suffering.

PERSEVERING

In establishing a business we oftentimes get good results from quarters whence we least expect them. A good many of us have, probably, when entering into a new house, tried to raise a few flowers or vegetables in our backyards, but the attempts have been failures, because the soil was the barren sub-soil, dug out of the cellar of the house when it was built, and scattered around and levelled. The experience of that first attempt is very apt to discourage at least fifty per cent. of those who tried, but the rest, on finding out the situation, set to work, and by bringing in better soil to mix with the barren, and by the use of fertilizers, succeed in time in having a garden that is a pleasure and profit to the owners.

IS PHARMACY A TRADE OR A PROFESSION

A suit has been filed in California to determine whether pharmacy is a trade or a profession. The "casus belli" was the employment by San Francisco druggists of a number of Canadian pharmacists. The United States District Attorney entered suit to restrain them under the Alien Contract Act, which provides that only those persons belonging to a "recognized profession" can be employed in another country for service in this. The druggists hold that pharmacy is a profession, and that therefore this law is not applicable to them. A decision has not yet, we believe, been announced.

PATENT MEDICINES IN NORWAY

According to a report received from U.S. Consul Bordewich, the Storting (or Norwegian Parliament) has passed a law at the instigation of the Medical Director, providing that the King or his deputies be authorized to forbid the sale of certain arcana and of medicinal preparations for which the prices asked stand in disproportion to the true value of the ingredients. Under this law it was decreed (1) that certain arcana and patent medicines named be excluded; (2) the publication of advertisements in Norwegian newspapers to further the sale of any and all foreign patent medicines is forbidden; (3) the importation of all arcana and medicines is forbidden except by druggists and private persons under special permit; (4) fines not to exceed 5,000kr. (\$1,340) may be imposed for violations of any of the above enactments. Under the provisions of this new law other decrees will soon follow, and there is reason to believe that the imports into and sale in Norway of nearly all patent medicines, as well as of arcana, will ultimately be stopped.

DISTRIBUTING SAMPLES PROHIBITED

The Police Department of Cleveland, Ohio, has received instructions to arrest any one found distributing samples of patent medicines or drugs of any kind from door to door in that city. This ordinance has been the law for some time, but has not heretofore been rigidly enforced. However, several cases of illness, said to have been caused by the consumption of some of these samples, have had the effect of enforcing the law, which we believe is in the right direction.

The promiscuous distribution of free samples of medicines should be discountenanced by druggists generally, and not only as a safeguard to the public, but also on account of the tendency which it has to divert trade from its legitimate channels.

JOHN WESLEY'S PHARMACOPŒIA

The name of the founder of Wesleyan Methodism, says The Pharmaceutical Journal, is more usually associated with physic for the soul rather than medicine for the body, and it may be news even to his own followers that John Wesley wrote a book entitled "Primitive Physic; or, An Easy and Natural Method of Curing Most Diseases." According to T. P.'s Weekly, the volume was published in the year 1743, and contains as a supplement a large collection of recipes, and most of the preacher's prescriptions are remarkable for their simplicity. His cure for a cold in the head would hardly recommend itself to the physician of to-day. He recommends the patient to "thin the yellow rind of an orange, roll it up inside out, and thrust a roll into each nostril." For lunacy he prescribes a decoction of agrimony to be taken four times a day; or an alternative treatment is an ounce of vinegar taken daily. For "raging madness" he advises wet cloths applied to the head. To make the hair grow he recommends a decoction of rosemary, a method of treatment which is still popular.

THE NEW FRENCH PHARMACOPŒIA

French Codex, as it is commonly called, will make its appearance early this year. The first one was published in 1818; the second, 1837; the third, 1867; the fourth, in 1884. The committee of about twenty persons who revise the pharmacopœia is appointed by the President of the French Republic.

THE METRIC SYSTEM IN MEDICINE

The inconvenience caused by the lack of any officially recognized sub-division of the litre, smaller than its one-thousandth part, and the consequent difficulty of expressing doses of potent liquids in convenient metric quantities, should shortly cease to exist, as we understand that the three new designations—mil, decimil, and centimil—are to

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Cachets for use with this machine 85c. per thousand.

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2. They require no funnel for filling.
3. They require no Thimble for packing the Powder.
4. They save the operator fully 50 per cent. in time. The machine does all the work.
5. The Special Automatic Closing Cachet supplied for this machine is more attractive in appearance and costs less than any other Cachet on the market.

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1905

Foreword to Our Clients

LOOKING forward to the new page, 1905—the fourteenth of our united company—you will permit us to express our sincere good wishes to you for success and happiness.

WE have also specially to thank you for your constant mindfulness of us during 1904. We have had from you more letters, more enquiries, more orders, more expressions of satisfaction and good will, than in any previous year.

WE feel, therefore, justified in anticipating that your appreciation will bear the fruit of increased business in the new year, and we are providing accordingly.

OUR preparation began early, and as one result the Printing Department has already placed in your hands, "Catalogue 1905," representing, as it does, the widest range of manufactures of any Varnish and Paint house in the world. This is no vain boast, but simply a statement of fact based on knowledge. In no other country does any one company manufacture from start to finish all the goods represented by the several great sub-divisions of our trade.

THE outcome has been that our Company being "first hands" in all departments, has established a standard of value which has NEVER been and cannot be excelled in the Dominion.

IN offering our goods to your consuming clients we support you to the letter in giving these assurances and you will find their endorsement, as you have done in the past, in a growing demand for our brands.

WE have already provided material, during the months preceding opening of navigation to an extent never before attempted, and in the interval until you begin to hasten your shipments, we will work as busily in preparation as we will later in effecting shipment.

DO not hesitate to speak out when you think we come short of your expectations, this will help to bring us as near to perfection as we hope to get.

MEANTIME, be assured that we are before you, with you and behind you in our several relations, and we hope to be even more intimately associated than hitherto when page 1905 is written over.

The Canada Paint Company, Limited

be inserted in a reprint of the Board of Trade Regulations dealing with inspectors' metric standards.

The new apothecaries measure will, presumably, be as follows :

METRIC APOTHECARIES' MEASURE

1 Centimil (1-100th Millilitre) =	0.1689 Minim.
1 Decimil (1-10th Millilitre). =	1.6894 Minims.
1 Mil or Millilitre (1-1000th Litre).....	16.8941 Minims, or 0.2816 Fl. Drachm
1 Centilitre (1-100th Litre).. =	2.8157 Fl. Drachms, or 0.3519 Fl. Ounce.
1 Decilitre (1-10th Litre)..... =	3.5196 Fl. Ounces.
1 Litre	1.7598 Pints.

The minim is equal to nearly six centimils, the fluid drachm to rather more than three and a half mils, and the fluid ounce to nearly three centilitres, thus :

IMPERIAL APOTHECARIES MEASURE

1 Gallon (8 Pts. or 160 Fl. Ounces) =	5.9192 Centimils.
1 Minim.....	= 3.5515 Mils.
1 Fluid Drachm (60 Minims)	= 2.8412 Centilitres.
1 Fluid Ounce (8 Fl. Drachms)....	= 0.5682 Litre.
1 Pint (20 Fluid Ounces)	= 4.5459 Litres.

While referring to this subject, it may be stated that a decimetre scale, which is graduated to one hundred parts, and can be obtained from the Decimal Association for a few pence, will be found useful for making metric measures of length more familiar. The scale is one millimetre thick, one centimetre wide, and one decimetre long; its volume is one cubic centimetre, and its weight in grammes is the specific gravity.—Pharmaceutical Journal (Eng.)

TORONTO DRUG SECTION

The annual meeting of the Toronto section of the Retail Merchants' Association of Canada was held in their board-room, Richmond Street west, and was very largely attended. The following officers were elected for the coming year :—Chairman, W. J. A. Carnahan; 1st Vice-Chairman, D. E. Munro; 2nd Vice-Chairman, C. H. Cowen; Treasurer, W. G. Becker; Secretary, G. M. Petrie; Chairman of the Contract Plan Committee, Mr. John Hargreaves; Chairman of the Pharmacy Committee, Mr. F. W. Flett; Chairman of the Trade Improvement Committee, Mr. A. E. Walton; Chairman of the Membership Committee, Mr. J. W. Struthers; General Secretary, Mr. E. M. Trowern.

The treasurer's report showed a good balance. The following resolution was unanimously passed :—"We recommend that the retail druggists throughout Canada be requested to refuse to give away any free samples of medicines unless they are marked on the contract plan."

The annual banquet of the section was held in the Arlington Hotel on Feb. 7th and was a very successful event.

About one hundred members sat down to the banquet and besides these, the members of the Council and Faculty of the Ontario College of Pharmacy were present as guests of the Association, and also members of the wholesale and drug manufacturers.

Mr. W. J. A. Carnahan, president of the Association, occupied the chair, and after a brief introductory speech, proposed the toast of "The King," "Our Country," "The College of Pharmacy," "The Canadian Wholesale Druggists," "The Retail Merchants' Association," "Pharmaceutical Press" and "Ourselves."

Songs were sung by W. M. Vanderwater, Fred Verrall, Harold Carnahan, N. H. Norris and W. J. A. Carnahan. Harry Woodland was pianist, and Honey Bradley gave the specialty entertainment.

MONTREAL DRUG CLUB ELECTS ITS OFFICERS

At the annual meeting of the Montreal Drug Club, the following officers were elected for the ensuing year :—Hon. President, Mr. H. H. Lyman; Hon. Vice-President, Mr. Theo. H. Wardleworth; President, Mr. J. E. Tremble; Vice-President, Mr. Hercule Barre; Secretary, Mr. A. T. Christie; Treasurer, Mr. J. H. Goulden; Committee, Mr. Allan Cameron, jr., Mr. J. A. Dearden, Mr. W. S. Stone, Mr. Geo. Porter, Mr. L. G. Ryan, Mr. G. W. Hayes, Mr. J. L. Tellier, Mr. J. J. Weinfeld, Mr. O. H. Tansey.

The Treasurer's report was read and accepted, showing a favorable balance to the good.

Much credit is due Mr. L. G. Ryan, the retiring President, and his able committee, who have been untiring in their efforts to promote the welfare of the Club during the past year.

The present membership is one hundred and fifteen. The spacious apartments over the Bank of Montreal, St. Catherine St., are capable of accomodating many more, and furnishes a means of bringing members of the drug trade together who heretofore were strangers.

After the transaction of business, an informal smoking concert followed, during which songs were contributed by Messrs. Strong, Cameron, Rogers and Porter with piano accompaniments by Mr. K. M. Chalmers. Speeches were in order by the new President, Mr. Wight, representing Parke Davis & Co.; Mr. Mitchell, representing H. K. Wampole and Co.; Mr. Hercule Barre and Professor Benrose. One of the pleasing features of the evening was a dance by Mr. Thos. Christian, which brought the programme to an end.

The Annual Dinner of the above Club will be held at the "Oxford" on the evening of February 22nd, 1905.

JUDGMENT MAINTAINED

The suit entered by H. K. Wampole & Co. against John T. Lyons of Montreal to restrain the latter from selling their preparation of cod liver oil at less than the advertised price has been decided in favor of the defendant Lyons.

The case was first tried in the Superior Court and the defendant having won, an interlocutory injunction was obtained to prevent sales at the "cut" prices, but the attorneys for Lyons, Messrs. Archer, Perron & Taschereau, filed a petition asking leave to contest, which was granted, and the injunction quashed. Against this judgment the Wampole Company appealed against the judgment, which has been maintained, although the considerations of the judge in the Superior Court were modified.

A TRADE MARK SUIT

An important point in trade-mark law of special interest to manufacturing druggists will be settled by the Court of Appeal when the propriety of the conviction of Mr. Thos. Cruttenden, Toronto, found guilty by Magistrate Denison of an infringement of a trade-mark, is argued and decided. The question is whether a trade-mark, which is in fact only a description of the article upon which it is stamped, is valid.

Mr. Cruttenden was convicted for illegally using the name "Glyco-Thymol," said to be an infringement of the trade-mark name "Glyco-Thymoline," owned by Kress Owen & Company, an American firm. The two preparations are said to be practically identical, and both are composed largely of glycerine and thymol, well-known and ordinary articles in the drug trade.

Mr. Cruttenden contends that the name he used was descriptive of the article he sold, and quite proper and legal. He says that the two parts of Kress & Company's trade-mark are ordinary common nouns, and cannot be made the subject of a trade mark. The Court of Appeal has ordered a day to be fixed for the argument of the case, when they will consider these two questions.

1. Is "Glyco-Thymol" an infringement of Kress & Company's trade-mark?

2. Is the name "Glyco-Thymoline" a proper subject for a trade-mark?

DRUG CLERKS IN DENMARK

It was recently noted that the drug clerks of Denmark were preparing to go on strike to enforce certain demands. Information now comes to us that, just as the clerks were on the point of putting their threat into execution, an amicable adjustment of the differences was effected, and everything is again lovely. According to the report each clerk is to have two weeks' holiday each year, or, if this be not possible, then he is to have double pay during two weeks of the year.

It is agreed also that the number of apprentices in any pharmacy in future shall not exceed that of the registered clerks. As to salary the clerks are divided into four classes, according to the income from prescription work in the drug stores where they are employed. Thus, in a store where the prescription receipts are from \$1,750 to \$3,000 per year, the clerk will receive a salary of \$325 per year for sixty hours' work weekly, while in a store where the annual prescription receipts are \$7,000 or more, the salary of a registered clerk is fixed at \$380, and he is asked to work but fifty-four hours per week.

In case of disagreements between the employers and clerks the point in dispute will be submitted to a board of arbitration, and both parties have bound themselves in writing to abide by the decision of the arbitrators and not to carry the matter to a court of law. The employers have also agreed to give the preference, in engaging new clerks, to members of the latter's association, while the clerks have agreed to work only for members of the Employers' Association. The agreement is to continue in force for ten years, though the section relating to working hours may be revised in five years. While the salary seems small, judged by the wages paid drug clerks in this country, yet living conditions are so vastly different in continental Europe that on the whole their condition, especially in view of the comparatively short hours of labor, may be said to be as favorable as that of our clerks.—West. Druggist.

REMOVAL OF A WELL KNOWN FIRM

The urgent need of more room has compelled the well known "Pioneer American Capsules House" Messrs. H. Planten & Son established in 1836, to seek larger and better located quarters on expiration of their present lease.

The firm has secured a most desirable property at 93 Henry St., corner of Pineapple St., Brooklyn, N.Y., and have contracted for the erection of a large modern building, fully equipped with the best labor saving devices for the prompt handling of their ever increasing business. One of the many reasons which decided Messrs. H. Planten & Son to locate in Brooklyn was the clear atmosphere and entire absence of the mass of floating dust in their present location between the skyscrapers of lower New York.

Messrs. H. Planten & Son have occupied their present site since 1847, and from time to time made extensive alterations and built a large rear building, all of which they have now outgrown and taken "the bull by the horns" in changing their "Landmark Site" to one in Brooklyn. We wish the firm every possible success in their new venture, in which we feel our many readers will heartily join.

UMNEY'S
TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

**SOLUBLE ESSENCE OF LEMON,
 LEMON CRYSTALS, &c.**

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED
 SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA :

MR. J. M. SCHEAK, 205 Carlaw Buildings, 28 Wellington St. W., TORONTO

MAKE ANY COMPARISON

You please and you will prove conclusively to your own satisfaction

THAT THE ORIGINAL

Lithia Water Tablets

MANUFACTURED BY **WILLIAM R. WARNER & CO.**

Are Unequivocally THE BEST

Best in Therapeutic Value
 Best in Demand
 Best in Stability
 Best in Effervescent Qualities
 Best for the Druggist to handle

WM. R. WARNER & CO.
 PHILADELPHIA

BRANCHES :
 NEW YORK CHICAGO NEW ORLEANS

ALL JOBBERS SUPPLY THEM.

SHEPHERDS

A Superior Disinfectant and Antiseptic.

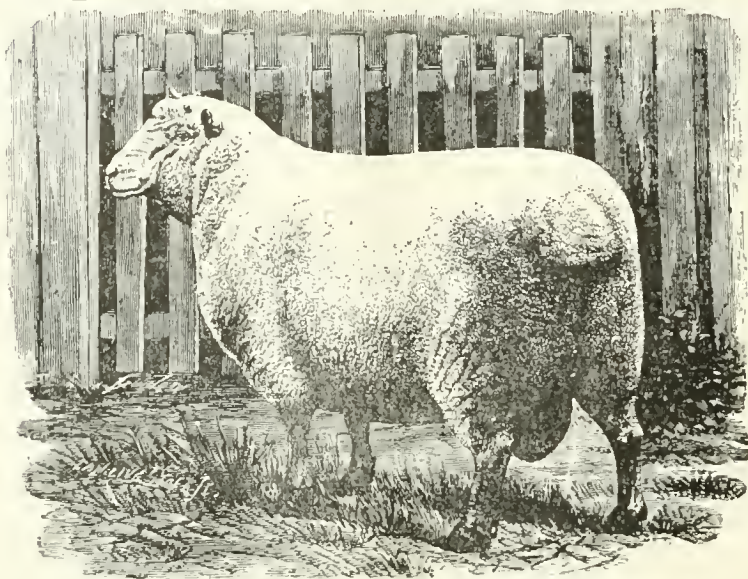
IS HEALING

A Preventive and Cure for Skin Diseases.

For Lice, etc., on Young Cattle and Colts.

Will Destroy all Disease Germs on Sheep.

1-QUART BOTTLES.
Retail at 25 Cents.



LYMAN'S ALKALI

Lyman's Lightning Fly Paper, 1905

Lyman's Witch Hazel Cream

Lyman's Fluid Magnesia

Lyman's Walk Easy Foot Powder
15 and 25 Cent Sizes.

SHEEP DIP

THE LYMAN BROS & CO., Limited
Wholesale Druggists, TORONTO.

LAWSON & JONES'

4 DEPARTMENTS ARE

DRUG LABELS

PRINTED,
LITHOGRAPHED,
EMBOSSED.

CALENDARS

ART ADVERTISING
GOODS AND
NOVELTIES.

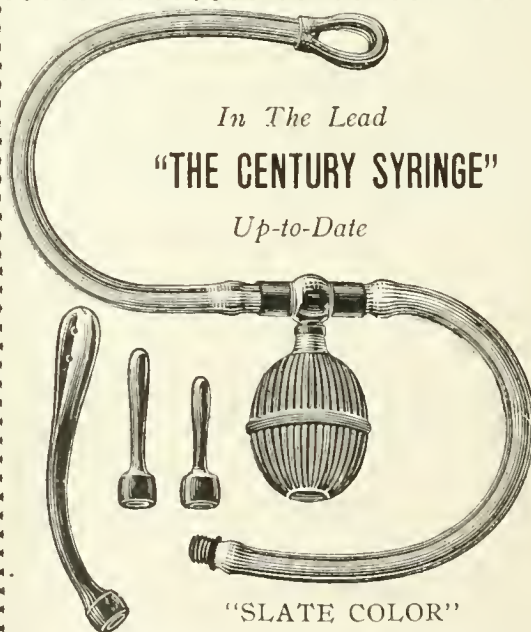
Catalogue and Envelope Manufacturing

COMMERCIAL, in which we Lithograph
LITHOGRAPHING or print the whole
PRINTING AND sheet before
EMBOSSED. making up.

We are the only Lithographing Envelope Manufacturers in the world

Our samples of 1906 Calendars and Advertising lines are complete.

LAWSON & JONES,
LONDON, CANADA.



In The Lead

"THE CENTURY SYRINGE"

Up-to-Date

"Put
Up
Neat"

"Sells
At
Sight"

"SLATE COLOR"

YOU can increase your sales. We have increased ours

Notice Construction.—Tubing Non-Collapsible,
Bulb in right position.—It appeals to your customer.

RIGHT ARTICLE! RIGHT QUALITY! RIGHT PRICE!

Can you handle a dozen?

Put up for the Drug Trade by
Chandler & Fisher, Limited, Winnipeg, Canada

Importers of Druggist's Rubber Specialties.
We handle full line of Rubber Syringes.

Trade Notes

Mr. Henry Parker, druggist, Durham, Ontario, died Feb. 2nd.

S. Miller, Battleford, N.W.T., is offering his drug business for sale.

Dr. Hiltz is opening a new drug store at Harvard, Assiniboia, N.W.T.

J. G. Sutherland, druggist, Carberry, Manitoba, is leaving that town.

W. D. Cote has purchased the drug stock of A. E. Munson & Co., Rat Portage, Ontario.

W. E. Shields has purchased the drug business of C. F. Hasselfield, Waskada, Manitoba.

The Rex. Medicine Co., Limited, has been incorporated, head office, Montreal, Quebec.

Rapley & Wright have purchased the drug business of John Coates, Strathroy, Ontario.

J. J. Johnson has purchased the drug business of Dr. Nichol, Lethbridge, Alberta, N.W.T.

The firm of J. D. Higinbotham & Co., druggists, Lethbridge, N.W.T., has been dissolved.

W. S. Jones has purchased the drug business of C. A. Peck, jr., Hillsboro, New Brunswick.

J. A. Battram has purchased the drug and stationery business of Dr. Wickware, Birtle, Manitoba.

The Dr. Kohr Medicine Co., has been registered at Montreal, Quebec, with Harry H. Hall as proprietor.

J. R. Wade & Sons are successors to the drug business of the estate of J. R. Wade, Grand Falls, New Brunswick.

Hon. Colin H. Campbell, K.C., President of Chandler & Fisher, Limited, Winnipeg, Manitoba, is on a trip to the Pacific coast.

The John G. Harvey Co. has been incorporated as manufacturers and dealers in medical and chemical preparations. Head office, Toronto, Ontario.

The Rex Remedy Co. has been incorporated, capital stock \$10,000, to manufacture and deal in medical and chemical preparations. Head office, Montreal, Quebec.

Wm. H. Robinson, who for many years conducted a drug business on Richmond St., London, Ontario, and afterwards went to Detroit, has returned to London and opened a new drug store on Wortley Road, London South.

MONTREAL NOTES

At the last meeting of the Council of the Pharmaceutical Association of this province, a notice of motion was given for the next meeting by an ex-president, to the effect that no one holding a position under the Council to which payment in any shape is attached can retain his position as

a member of council. Opinion is divided on the subject and it is to be hoped it will be thoroughly and calmly discussed.

Chicago and New York have both enacted civic by-laws regulating the sale of carbolic acid. If in solutions greater than 5 per cent. in strength it must be mixed with equal quantities of alcohol and glycerine. The idea is that alcohol and glycerine being antidotes to carbolic acid fatal effects will be obviated. The New York correspondent of the Chemist and Druggist of London, says that "many persons intending suicide have been effectively foiled in their purpose" by this means.

The same writer says that the Paris Medicine Co., proprietors of "Laxative Bromo Quinine," have come out in favor of the contract plan and have decided to stipulate for full prices. There are now four large proprietary firms distributing their goods under the contract and serial number plan and six other firms using a modified contract plan.

The Judgment of Judge Tisley, of Illinois, in the case of Platt against the Chicago Jobbers and N.A.R.D. decides that the direct contract and serial numbering plan is quite legal.

This decision ought to strengthen the weak-kneed men in Montreal, and induce them to sign the excellent plan already before them.

A decided stand is being taken against the trading stamp nuisance by the pharmacists of Montreal. Meetings have been held by the Society of Retail Druggists and the consensus of opinion was strongly opposed to such tricky ways of doing business.

THE FISCHER BUNION PROTECTOR

The remarkable success acquired by the Fischer Self-Adjusting Bunion Protector, is unquestionably due to its general effectiveness and the instantaneous manner in which it alleviates the distressing unbearable pain to which people afflicted with bunions or enlarged toe-joints are subjected. The protector is a simple and durable leather shield, soft, pliable and so constructed as to readily adjust itself to any foot, building about the diseased and inflamed part an impregnable wall of protection. Two sizes, only, are manufactured, it having been thoroughly demonstrated that these are sufficient to answer all requirements, no matter how complex the case may be. The protector is not only simple but inexpensive, sells singly or in pairs, and but a very limited stock is necessary to keep the dealer fully equipped for any emergency. It is made by the Fischer Manufacturing Co., of Milwaukee, Wis., to whom all interested parties should send for further particulars and samples.

DEATHS

MR. EDWARD EVANS, SR.

The death occurred on January 7th of one of the pioneer members of the Pharmaceutical Society of Great Britain, Mr. Edward Evans, sr., J.P., D.L., Bronwyfha, Wrexham, Wales, who was born in 1816 and has lived under five monarchs. He commenced his business career as an apprentice to his father, who was then established as a wholesale druggist in London. In common with other merchants of the day he became a member of one of the London Companies, becoming elected a member of the Musicians' Company, one of the famous London Guilds. He took charge of the Liverpool business in the days of stage coaches and sailing vessels, and lived to see it



THE LATE MR. EDWARD EVANS, SR.

prosper exceedingly. About 32 years ago he retired to his country seat in Denbighshire, leaving his sons, John James Evans, Edward Evans, jr., and later on also W. P. Evans and Alfred B. Evans to carry on the expanding businesses in Liverpool, London, Montreal and New York. He always took a keen interest in the Canadian business, of which Alfred B. Evans, Montreal, is the managing director. Only those privileged to become familiar with his home life could realize the ideal character of the domestic circle of which he was the genial centre. He continued in full possession of his faculties until the last, being able to read small print without spectacles even at his advanced age of 89 years. He has occupied every position of dignity in Denbighshire, having been at one time High Sheriff and at another Deputy Lieutenant of that

shire. He has lived to see the business with which he was associated in his early days, and of which he was the head, expand enormously. He was the "Doyen" of the drug trade in England and his demise will be sincerely regretted by a large circle of friends. He leaves two daughters and five sons to mourn his loss.

PROFESSOR KENRICK

Mr. E. B. Kenrick, professor of chemistry in Manitoba University, Winnipeg, died in that city Jan. 26th. Prof. Kenrick was a distinguished graduate of Toronto University, and about fifteen years ago was selected as lecturer in natural science in St. John's College, Winnipeg, a position which he filled with marked success until the affiliated colleges forming Manitoba University were merged into one, when he was appointed professor of chemistry, a post which he filled up to the time of his death, being also Provincial Analyst.

He was a clever chemist and keenly interested in all branches of science, especially in electrical matters. Deceased was unmarried, and was a leading member of the Church of England.

MR. HENRY PARKER

Mr. Henry Parker, one of the oldest druggists in the province, and who carried on a successful business for many years in Durham, Ont., died suddenly Jan. just two weeks after his wife's decease.

Mr. Parker was a man of sterling, upright character and highly respected by his fellow-citizens. He was a careful, energetic business man and by close attention and thrift accumulated considerable property. He was also engaged in stock raising and farming, in which he was equally successful. He was a member of the Church of England, to which he was deeply attached and to which he was a liberal contributor. He leaves no family, the only near relatives being his brother, Mr. S. J. Parker of Owen Sound and a nephew, Mr. John Parker.

DR. FREDERICK HOFFMAN

The death of Dr. Frederick Hoffman marks the loss of an eminent pharmacist. Dr. Hoffman was born and educated in Germany, but spent about 30 years of his life in the United States, having been in business in the city of New York for many years. He was always an ardent member of the American Pharmaceutical Association and was invited to prepare the principal address for the jubilee meeting in Philadelphia in 1902. He made the trip from Germany specially for this purpose, but the exertion was too great for him and he was obliged to return before the opening of the sessions. He was also founder and for many years editor of *The Pharmaceutical Review*. He was born June 20th, 1832, and was therefore in his 73rd year.

Australian SHEEP DIP AND CATTLE WASH NON-POISONOUS

Australia Sheep Dip Co., Sydney, Aus.

Sole Proprietors and Manufacturers.

AGENTS FOR CANADA:

KERRY, WATSON & CO.,

Montreal and London, Canada.



**DRUGGISTS
DOUBLE
THEIR MONEY
WITH THE
FISCHER
SELF-ADJUSTING
BUNION PROTECTOR**

if looking for a first-class money-maker and widely-advertised sundry—the only one of its kind in existence—a wonderful seller that costs but little and doubles the druggist's money for him. We have it.

The Fischer Protector is a pliable LEATHER shield that is worn outside the **stocking** and around a bunion or enlarged toe joint, affording **positive** protection and **immediate** relief to the affected part.

At retail they sell for a \$1.00 a pair, but the druggist gets them at \$6.00 per dozen pairs—a clear profit to him of 100 per cent.

But two sizes are necessary to fit any foot so that a small stock occupying a **very** small space, is **all** that is requisite for a complete equipment. Remember that

**YOUR MONEY IS DOUBLED ON EVERY
SALE MADE**

Write to day for sample and full particulars.

Fischer Manufacturing Co.,
996 Clinton St., Milwaukee, Wis.

N.B.—We are advertising this Protector extensively.

SOLUBLE CREOSOTE

This is the plain English for the product sold under many fancy names.

Soluble Creosote stands in the front rank of Disinfectants, Deodorants, Germicides, and Purifiers, its usefulness being universal. It is not an experiment, having stood the most severe tests in hospitals and families, and for treatment of Horses, Cattle, Sheep, Pigs, Dogs, Poultry and Plants.

For Sheep dipping 1 gallon of Creosote is used in 80 gallons of water. For lice, fleas or parasites of any kind, on Cattle, Sheep, Horses, Dogs, Swine or Poultry, sponge or spray them with a 1 to 100 mixture twice, about a week between the applications.

For Ringworm, Mange, Canker, and all skin diseases in dogs, wash repeatedly with 1 in 100.

For wounds, saddle galls, sore udders, ulcerating sores, use the solution of 1 in 100. It is an excellent healer and purifier, and being non-poisonous, can do no harm in any case.

IN THE GARDEN

Use a dilute solution of 1 teaspoonful to a pail of soft water, for Apple and Peach trees, Rose bushes and Geraniums; after having syringed them with the Creosote mixture, in a few minutes syringe them with plain water. This treatment is effectual in destroying Green fly, Mealy bug, Scales and Red Spider.

For apple blight paint the tree with a strong solution of 1 to 40. For sickly vines water frequently with 1 to 100.

ABOUT THE HOUSE

To disinfect water closets, cesspools, urinals, drains, sink and garbage barrels, and destroy bad smells, use 1 pint to 5 gallons of water.

As a disinfectant and prophylactic against the spreading of Smallpox, Typhoid fever, Diphtheria, Scarlet fever and other infectious diseases, use freely a solution of 1 in 100, say one and a half ounces to one gallon of water, by sprinkling or spraying and washing the wood work of the room. Spittoons and chamber vessels should contain some of the solution, and clothes and dishes used by the sick should be wet with the solution before being taken from the room. For skin diseases, bathe freely with a mixture of a teaspoonful to a quart of water. For mosquito bites, chapped hands and chilblains use a teaspoonful to a pint of water.

As an inhalant, to be used in cases of bronchitis, croup, or diphtheria, a quart of boiling water should be poured on half a teaspoonful of Creosote, and the steam inhaled, or the same strength should be used as a gargle, when cool enough. House cleaning—before relaying the carpets wash the floors with a solution of one pint to five gallons of water. This will kill all germs and vermin, as well as protect from the ravages of moths.

IN GENERAL

For Schools, Jails, Markets, Butcher Stalls, Fish Shops, Cattle, Sheep and Hog Cars, Stables, Byres, Piggeries, Fowl Houses, a solution of 1 gallon to 150 gallons or even up to 400 gallons will be found effective in destroying bad smells and disease germs, thoroughly disinfecting and sweetening the spaces over which it is sprinkled.

NOTE—In making the mixtures always use soft water wherever available, and always pour the water on the Creosote which makes a more thorough mixture than if the Creosote is poured into the water.

A point worthy of special remark is, that the SOLUTIONS ARE NON-POISONOUS, NON-CORROSIVE, AND WILL NOT STAIN or injure furniture, hangings, bed clothes or the most delicate fabrics.

Specify "Elliot's Soluble Creosote."

Sold in 25¢ and 50¢ Bottles and in bulk at a low price.

Circulars supplied.

We solicit enquiries for quotations.

The ELLIOT & CO., Limited
5 Front St. East, Toronto



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

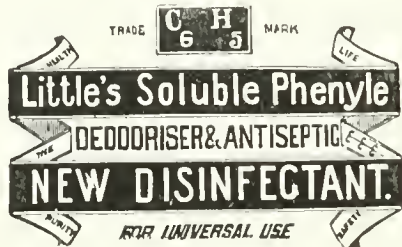
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

**A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.**

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Man.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt

"The Ideal Plaster"

Ankers' Bouillon Capsules

✻ Evans' Coughnomores ✻

4 lb. bottles.

Evans' Special ✻ Norway Cod Liver Oil ✻

EVANS AND SONS

Limited

MONTREAL NEW YORK TORONTO

Ontario College of Pharmacy

COUNCIL MEETING

That the Ontario College of Pharmacy is in an exceptionally prosperous condition financially was brought out at the semi-annual meeting of the Council of the College, which was opened at the College on Monday, February 6, and adjourned on Friday, the 10th. The Registrar-Treasurer, Mr. Isaac T. Lewis, in his financial statement, presented figures showing that since the last meeting the cash surplus had grown from \$13,117.38, to \$16,175.59, while the surplus of assets over liabilities, which a year ago was \$69,627.70, now stands at \$76,105.13. This was the last meeting of the present Council, and during the coming summer the elections for the new Council will take place.

The president, Mr. W. B. Graham, Ridgetown, occupied the chair when the meeting opened, and there were present, E. W. Case, Picton, vice-president; J. R. Y. Broughton, Newmarket; G. E. Gibbard, Toronto; J. M. Hargreaves, Paisley; John Hargreaves, Toronto; R. A. Harrison, Dunnville; John H. H. Jury, Bowmanville; W. A. Karn, Woodstock; Charles Lane, Guelph; J. F. Roberts, Parkdale; Theo. Sweet, St. Catharines, and Henry Watters, Ottawa.

In welcoming the members Mr. Graham remarked that affairs at the College had run very smoothly during the preceding six months. He also welcomed the Registrar-Treasurer, Mr. Isaac T. Lewis, who has recently returned from an enjoyable visit to the Old Country.

Upon motion of Mr. Henry Watters, seconded by Mr. E. W. Case, the minutes of the previous meeting were taken as read.

Messrs. G. E. Gibbard and John Hargreaves were, upon motion of Mr. Henry Watters, seconded by Mr. E. W. Case, elected representatives of the Council upon the Board of the Industrial Exhibition Association of Toronto. Upon the motion of Mr. W. A. Karn, seconded by Mr. R. A. Harrison, Messrs. George Anderson and John Callert were elected representatives of the Council upon the Board of the Western Fair Association of London.

New Year's greetings were received and acknowledged from the Pharmaceutical Board of Brisbane, Australia, and from the Pharmaceutical Society of Great Britain.

The Registrar-Treasurer reported that a number of letters had recently been received from young ladies in Great Britain, who hold certificates of the Ladies' Licentiate Apothecaries' Society, enquiring if their certificates would enable them to practise in Ontario. It appears to be a common custom in the Old Country for physicians to employ ladies to do their dispensing for

them, and those who wrote to the Ontario College are under the impression that the same system prevails in this country. It does not, however, and moreover, it was the opinion of the individual members of the Council that such a system should not be encouraged here. The Registrar-Treasurer was instructed to reply to the ladies that they could not practise in Ontario under their certificates.

An application from Mr. Walter B. Rendall, Toronto, lecturer and demonstrator at the College, asking that his salary be increased from \$350 to \$600, was referred to the Education Committee.

A communication from the Provincial Secretary's office enclosing a communication from the Colonial Office, asking the assistance of the Council in the revision of the British Pharmacopoeia was, upon motion of Henry Watters, seconded by W. A. Karn, referred to the Research Committee.

The Registrar-Treasurer, in his report, dated Toronto, Feb. 1, 1905, stated that since the first day of August, 1904, the following medical practitioners had taken out registration, viz.: James Breen, Essex; W. A. Sargent, Springbrook; J. A. Baker, Gore Bay; W. D. McNab, Toronto; W. G. MacKechnie, Marmora; A. Robillard, Ottawa.

The number of applications of apprentices for registration had been 98, a few of whom were in abeyance for the Council to deal with. The number of renewals issued since Aug. 1, 1902 was as follows: 1902, 1; 1903, 4; 1904, 36; 1905, 6.

He submitted the following detailed statement of receipts and disbursements for the last six months, ending Feb. 1, 1905:

RECEIPTS.

August 1, 1904.	
To cash balance	\$ 94.75
To Bank of Commerce	1,502.77
To B. of C. (Savings Dept.)	7,241.61
Apprentice registration fees	98 00
Diplomas	4 00
Interest account	114 66
Lecture fees	13,692 18
License sales books	1 59
McGill St. property	184 32
Matriculation fees	136 00
Poison books	9 57
Renewal fees	176 00
Registration fees, M. D's	22 00
Deposit fees	305 00
Total	\$23,582 45

DISBURSEMENTS.

Council meeting	\$ 444 00
Coal account	204 80
Divisional Committee	313 18
Examination account	556 56
Gas account	26 40
Insurance	12 50
Infringement account	429 27
Laboratory apparatus	483 94
Ontario College of Pharmacy	298 97

Petty expenses	20	35	
Postage account	47	99	
Salary account	4,159	56	
Supply account	461	94	
Water account	37	40	
Auditors	10	00	
Cash balance	\$	122.69	
Bank of Commerce	8,702.38		
B. of C. (Savings Dept.) ..	7,350.52	16,175	59
Total	\$23,582	45	

ASSETS AND LIABILITIES.

The following statement of assets and liabilities was submitted:

ASSETS.

College building	\$35,710	48	
College lot	5,000	00	
McGill St. property	5,993	90	
Furniture, etc.	4,231	35	
Apparatus	9,196	75	
Outstanding fees	40	00	
Supplies	750	00	
Poison and license sales books	116	50	
Advertisements	40	00	
Rentals	78	00	
Students (Senior Course)	390	00	
Cash balance	\$	122.69	
Bank balance	8,702.38		
Bank (Savings Dept.)	7,350.52	16,175	59
Total	\$77,766	57	

LIABILITIES.

Salary account	\$	762	51
Library fund	27	44	
Sundry accounts	216	49	
Deposits of account	655	00	
To balance	76,105	13	
Total	\$77,766	57	

JOHN ROBERTS FUND.

The report re the John Roberts Scholarship Fund was submitted as follows:

To statement as per Aug. 1, 1904	\$3,394	26	
To Canadian Loan & Savings Co. of London, Ont.	60	00	
Interest to Nov. 30, 1904	5	34	
	\$3,459	60	
Less scholarship, \$100; medal, \$20	120	00	
	\$3,339	60	

The Council then adjourned till 10 o'clock on Tuesday morning.

TUESDAY'S SESSION

When the Council met on Tuesday morning with the president, Mr. Graham, in the chair, several communications were read and referred to the various committees. Under "Questions," Mr. R. A. Harrison asked if any information was possessed by any members of the Council as to what concessions were granted by the University of Toronto to graduates of the College who took up a medical course in the Toronto School of Medicine, and urged that if there were no such

concessions the matter should be brought to the attention of the University authorities, so that the College could secure the concessions it was entitled to. In Michigan the Ann Arbor College allows a year, also the London College.

Most of the day was taken up with committee work, the By-laws and Legislation and Finance, Committees meeting.

When the Council met in the afternoon report No. 1 of the Committee on Executive and Finance was presented by the chairman, Mr. W. A. Karn. It recommended the payment of accounts totalling \$238.26, and emphasized the instructions previously given that all orders for goods purchased for the College should be given only through the Registrar-Treasurer. There were a number of instances where these instructions had not been carried out, and the Council decided to send a copy of them to each member of the teaching staff.

On motion of Mr. Karn, seconded by Mr. J. F. Roberts, the report was received and adopted.

Mr. R. A. Harrison moved, seconded by Mr. J. Hargreaves, that the Educational Committee consider the advisability of having the notes on practical chemistry as given by Prof. Evans, printed in pamphlet form.

Mr. J. H. H. Jury thought it was valuable practice for the students to read these notes themselves, and it would be a useless waste of money.

Mr. Harrison thought that the students should pay for the notes, not the College.

Mr. G. E. Gibbard thought the word "notes" was not the proper one to use. It was information that was given to the boys, and was the same year after year, and therefore might be given to them in printed form.

Mr. Roberts considered that the professor might very well print the information and the students purchase it.

Mr. John Hargreaves, the seconder, considered the time in which the boys would transcribe the information lost. That could be saved by the plan of printing. He understood that Prof. Evans was willing to do the printing at his own expense for sale to the boys.

The motion was referred to the Educational Committee.

The Council adjourned to meet on Wednesday morning at 10 o'clock.

WEDNESDAY'S SESSION

When the Council met on Wednesday Mr. W. A. Karn asked if the Council's representative to the American Pharmaceutical Association proposed to make a report.

Mr. G. E. Gibbard, the representative, explained that owing to his condition of health he had

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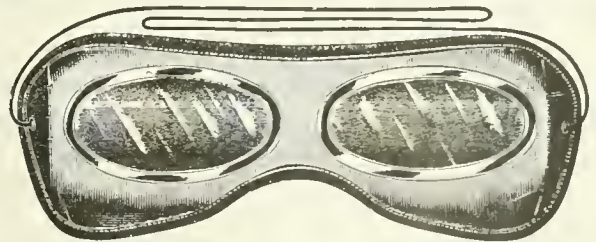
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been unable to attend the convention of the American association.

The Educational report No. 1 was presented by the chairman, Mr. Henry Watters, as follows:

Re application of Ernest T. Wright, who has passed the Pharmaceutical Society examination of Great Britain and otherwise possesses the necessary qualifications, your committee recommend that on the production of the certificate of his examination he be allowed to take the qualifying examination of this College and if successful he be granted his diploma.

Re the communication of William James Pollock of Balemorny, Ireland, a graduate of the Pharmaceutical Society of Ireland, your committee recommend that on the production of the certificate of his examination he be allowed to take the qualifying examination of this College and if successful he be granted his diploma.

As bearing on registration of licentiates of the Pharmaceutical Societies of Great Britain and Ireland, your committee would recommend that the Registrar-Treasurer be instructed to inform those bodies that this College will be pleased to admit said licentiates without examination at such time as similar privilege is extended to our graduates.

Your committee recommend that the report of the Board of Examiners be accepted and diplomas issued to those named therein as entitled to the same.

The report was adopted.

The Infringement Committee's report was presented by Mr. J. H. H. Jury, as follows: We find that during the last six months our inspector has been devoting more time to infringement work than formerly. He has called upon some ninety druggists outside of Toronto, including portions of every division of the province, and also having called on every druggist in Toronto.

He has collected outstanding fees to the amount of \$78, and has also secured convictions for infringement of the Act in three cases, collecting fines to the amount of \$70.

Your committee have devoted considerable time and attention to several vexing situations in different parts of the province and have held several consultations with the inspector and solicitor of the College in regard to the same.

After taking all the facts into consideration our solicitor advised that action be deferred until further evidence should be secured or satisfactory amendments to the act be made.

More than ever your committees feel the necessity for a pharmacy law which will be a better safeguard to the public, and we are pleased to learn that our By-law and Legislation Committee have almost completed their arduous task in preparing such amendments as will, we trust,

not only fully protect the public against the many dangers which arise from the careless handling of powerful drugs by incompetent persons, but will also place the law in such a shape that the hands of your Infringement Committee will be considerably strengthened.

We are pleased to be able to report that the arrears of membership fees have never before been reduced to so low an amount, and this to us is an evidence that the druggists of the province are becoming better acquainted with the careful and judicious management which the College affairs are receiving at the hands of the Council, and we sincerely hope that by the time the fees for 1905 are due all arrears will have been paid up, so that every member of our College will be in a position to claim the \$2 rebate which we are able to offer them owing to the economical way in which the funds of the College are used under the wise and conscientious guidance of our esteemed Registrar-Treasurer.

On motion of Mr. Jury, seconded by Mr. C. Law, the report was adopted.

Report No. 1 of the By-law and Legislation Committee was presented by Mr. James Hargreaves, as follows:

1. In the case of Charles Hudson, a graduate of Great Britain, asking for information as to the course necessary to secure registration, it was recommended that he be allowed the privileges of our examination and if successful granted our diploma.

2. Sebastian Stewart, of Guelph, requested that his apprenticeship term be dated from Sept. 13th, 1903. Evidence being furnished that his qualifications were correct, his request was recommended to be granted.

3. W. G. Hooper, of Brantford, applied to have his registration dated Sept. 1st, 1903, under the amended by-law. The requirements of the by-law having been met, his request was granted.

4. Wm. Marshall, Goderich, applied to have allowance of time granted on apprenticeship term where his preceptor had refused to sign certificate for same. The Registrar-Treasurer was instructed to notify him of the mode of procedure in such cases.

5. J. Wesley Fahner, of St. Thomas, asked to be exempt from passing some of the subjects required by the curriculum. The committee recommended that the exemption be not granted, his qualifications not being sufficient.

6. Neil C. Machern, of Port Arthur, applied to have his registration dated Nov. 1st, 1903. He having complied with all requirements, his request was granted.

7. Chas. V. Graham, of Toronto, applied to be entered on the roll. The Registrar-Treasurer was instructed to notify him that he is already

on the roll and now liable for the \$4 annual fee payable by all members in business.

8. W. H. Morrison, Dauphin, Manitoba, who being a registered apprentice of the Ontario College of Pharmacy, having served part of his term in Manitoba, desired the privilege of having such time allowed, had his request granted.

9. R. H. Norris, Virden, Manitoba, wrote regarding his registration and the Registrar-Treasurer was instructed to inform him that as, the two years of grace allowed apprentices in which to complete apprenticeship qualifications had expired his privileges of registration were forfeited.

The Council went into committee of the whole upon the report, and it was discussed clause by clause. There was some debate over clause 4, dealing with the case of William Marshall, and several members expressed strong opinions that apprentices who leave their preceptors and ask to have their time allowed should furnish a reasonable explanation to the Council as to why he was leaving his employer. There were a number of similar cases brought to the attention of the Council. It was becoming a habit for apprentices to leave their employers without genuine reasons. The clause was referred back to the committee with instructions to consult the Council's solicitor in respect to the legal aspect, and with this amendment the report was adopted.

The report of the Divisional Committee was submitted by Mr. R. A. Harrison, the chairman. It recommended that every means should be employed to secure a larger attendance at the divisional meetings. The Research Committee had a number of practical formulas to submit to the members of the College, and it was suggested that these formulas should be placed in the hands of members of the several districts for discussion by members. Interest in these meetings would thus be much increased.

It was the opinion of those who attended these meetings that they were invaluable to the profession at large, and the committee trusted that more attention would be given to the scientific side of the profession. They were convinced that if the Research Committee would allow their formulas to be used at the divisional meetings it would do much to stimulate the desire for knowledge along these lines.

The report was adopted, and the Council adjourned till 10 o'clock on Thursday morning.

THURSDAY'S SESSION

When the Council met on Thursday the report of the Research Committee was presented by Mr. E. W. Case, as follows:

On Sept. 1 a circular with a copy of the minutes of the last meeting of your Council, containing the report of your committee, was forwarded

to all the pharmaceutical associations in the Dominion of Canada.

The Pharmaceutical Society of the Province of Quebec have since appointed a committee to assist in the proposed work of a Canadian formulary, which is expected to report at the next meeting of their council, which will convene on March 1.

Your committee have been carefully investigating and testing formulae, submitted for a number of valuable and useful preparations, receiving assistance from Professor Heebner, the Formulae Committee of Toronto University, and several members of our College.

We have been searching the latest additions of various British pharmaceutical publications, and much useful information has been obtained from the year book of the B.P.C., the extra Pharmacopoeia, Squire's Companion to the B. P., the Pharmacopoeia of the London Hospitals, and the National Formulary of the United States. -

The formulae selected by your committee may now be considered as fully tested and approved. Many of them have been practically examined by members of the committee, while the authenticity of the works that have been searched and investigated are a full and sufficient guarantee of reliability in every respect.

Your committee beg to recommend that the final adoption of any formulae be deferred till the August meeting of the Council.

That further research and investigation be continued in connection with the formulae, thus far approved, and also the addition and consideration of new formulae.

That the chairman of the committee procure estimates and styles of the proposed pamphlet, such to be submitted to the committee for their consideration and approval at the next meeting of the Council.

That efforts be continued to secure the co-operation and full endorsement in the work by other pharmaceutical associations in Canada, and associations from the medical profession in Canada.

It is recommended by your committee that the formulae of the several preparations referred to as having been tested be printed at an expense not to exceed the sum of fifty dollars, and supplied to each member of this College in accordance with the recommendations contained in the report of the Divisional Committee, and it is further recommended that the same be distributed to the several members of this College at the time of mailing the minutes of this Council meeting.

Referring to the circular dated Jan. 9, 1905, from the Assistant Secretary of the Province of Ontario requesting certain information from our College in regard to the drugs and preparations



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—*Pharmaceutical Journal*, May 21st, 1904.

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—*Pharmaceutical Journal*, July 9th, 1904.

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—*The Lancet*, August 13th, 1904.

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British Medical Journal, October 1st, 1904.

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recommended for adoption in the Indian and Colonial Addendum to the British Pharmacopoeia,

Your committee beg to recommend that the Registrar-Treasurer acknowledge the receipt of the circular, stating that the questions are under consideration by the Pharmaceutical Research Committee, and that a report may be submitted to this Council for approval in August next to be subsequently forwarded to the Provincial Secretary as requested.

The report was adopted.

The report of the Legislation and By-laws Committee was presented by Mr. James Hargreaves, as follows:

1. In the case of M. Marshall, of Goderich, which was referred back to the committee, the recommendation was of a similar nature to the one referred back, that the Registrar-Treasurer be instructed to write and inform him that when he presented himself for examination satisfactory evidence of time served would be required.

2. Angus McD. Plewes, of British Columbia, who had complied with the conditions of apprenticeship of that province, applied for the privilege of attending our College, passing our examination and receiving our diploma. His request was recommended to be granted when Mr. Plewes submits the necessary educational qualifications.

3. The matter of G. A. Hewat, of Sterling, whose request was refused in August last, applied for reconsideration.

There being nothing before the committee but his request the Council was not in a position to act on reopening the question.

4. Percy O. Belasco, of Cuba, asked that he be allowed to register as an apprentice on his educational qualifications. These not being found up to our requirements his request could not be granted.

5. Geo. M. Crawford, of Moorefield, asked apprenticeship registration on a qualification one-third of a mark short on one required subject. His request wasn't granted, due to this shortage.

6. Duncan Anderson, Norwood, Ont., asked that his apprenticeship be dated at the time that his educational qualifications were secured, August, 1903. His request was granted.

7. Jas. R. Sinnott, Hamilton, did not supply any certificate of qualification with a request for apprenticeship registration and the Registrar-Treasurer was instructed to write him to that effect.

Upon motion of Mr. Jas. Hargreaves, seconded by Mr. T. Sweet, the report was adopted.

With a view of dealing with the trouble experienced by apprentices leaving their preceptors a resolution was carried upon the motion of C. Law, that this Council views with regret the growing tendency among apprentices to violate

contracts with their preceptors, and in order to check this annoying condition, would suggest that the druggists of this province as a whole consider it a breach of etiquette to reapprentice anyone without first securing the consent of his former preceptor in writing.

A report was received upon the question of enlarging the College from the Special Building Committee as follows: Your committee have given careful thought and consideration to present conditions and equipment of our College, and would report that in view of the present tendency of all teaching institutions toward a higher standard of education, both preliminary and professional, and also in view of the further fact of the present very satisfactory financial condition of the College, we beg to recommend that we consider the time has arrived for some definite action on the part of this Council of looking toward securing a building with adequate accommodation and equipment to furnish for our students a two years' academic course of instruction.

We also recommend that before this meeting adjourns the matter should be placed in the hands of a strong committee with instructions to proceed to secure necessary information and data upon which the Council may act.

As a preliminary your committee have taken the liberty of asking the Faculty to furnish your Council with their idea of what accommodation would be necessary to accomplish such a purpose.

We would also recommend that your committee on Legislation and By-laws be instructed to incorporate in any amendments to our act they may ask from the Legislature a clause adjusting our apprenticeship term to meet the requirements of such a change, namely, reducing the time to be served in practical experience with a preceptor to three years and adding one year to the college course, thus making the complete term five years in all.

This report was sent to the Committee on Legislation and By-laws to deal with, and the Council adjourned till 9 o'clock on Friday morning.

FRIDAYS SESSION.

When the Council resumed proceedings Mr. Henry Watters, the chairman, presented report No. 2 of the Educational Committee.

The first recommendation was for the re-engagement of the teaching staff, all at the same salaries they are now receiving, with the exception of Professors Kendall, Scott and Evans. The salary of the first is raised to \$500, and the two latter will receive an increase of \$100 each.

The Pharmacy Department received \$25 additional to the previous grant of \$50 made last August for apparatus, and Dr. Chambers received \$150 for appliances for the Physical Department,

and \$75 for the Chemical Department, that go to the Physical Department to facilitate the teaching of optics.

Dealing with the recommendation of the Special Building Committee referred to the committee the Legislation Committee were instructed to secure such amendments to the Act as are necessary in the adjustment of the apprenticeship term and present teaching course to a two years' course of teaching in the school.

Mr. Watters, in presenting the report, remarked that the committee were not in a position to recommend further on the matter of the two years' course, as a large number of changes would be necessary, and such could not be designated until the building was provided.

The report was adopted, on the motion of Mr. Watters, seconded by Mr. R. A. Harrison.

Report No. 3 of the Legislation and By-laws Committee was presented by the chairman, Mr. Jas. Hargreaves:

1. Harry J. Mahaffey, of Port Colborne, applied to have his apprenticeship dated Sept. 15th, 1900. His certificate of educational qualifications being irregular it was referred back to him for correction. On this being forthcoming his request will be granted.

2. Charles G. Whebby, of Toronto, previously of Nova Scotia, desired registration, but having no certificate of educational qualification his request could not be granted.

3. Roland D. White, of Toronto, applied to be registered under the provision (d) of the College curriculum, page 17. No certificate of standing being furnished his request was not granted.

4. Frank Pratton, of Waterford, asked to have his apprenticeship dated back to August, 1902. Not having educational qualifications at that date his request could not be granted, but he was granted the dating of August 1, 1904.

5. The committee recommended that the sum of \$500 be placed at the disposal of the committee to prosecute its work.

The report was adopted.

An enquiry was made by Mr. W. A. Karn as to whether the special committee on an alumni association proposed to report.

Mr. R. A. Harrison explained that the committee could not report at this meeting, as urgent business prevented him from going into the matter.

A deputation of students of the College was heard, and Mr. Black, for the class, made a request for an appropriation towards a class banquet to be held at a future date.

On the deputation withdrawing it was moved by J. H. H. Jury, seconded by Charles Law, that in view of the statement of the president the students' request for a donation to their ban-

quet be granted if the same is carried out in accordance with the wishes of the Dean of the Faculty.

The resolution was carried.

In connection with the movement for the enlargement of the College the Dean had been requested to furnish information to the Council as to what was required. He sent a letter to the Council recommending the appointment of a special committee to visit institutions in the United States and make a report upon what was done there. This hardly met with the views of the Council, and the Dean's report was ordered to be placed on file.

Report No. 2 of the Special Building Committee was presented by the chairman, Mr. G. E. Gibbard, as follows:

In the matter of a new building your committee would recommend that the present committee, Messrs. Graham, Karn and Gibbard, be continued, and that they be instructed to procure from the Faculty all information in their possession as to the requirements of building and apparatus to establish a two years' course of instruction to our pupils.

That this information be submitted to an architect for his opinion as to the capability of the present site to accommodate a building sufficient for all our requirements.

In the event of the architect's decision being adverse to our present site that the committee be instructed to continue their efforts to secure a satisfactory location.

The report was adopted.

Report No. 3 of the Educational Committee, presented by Mr. Watters, recommended that a student who could not take his last senior course be allowed to return for the present term.

This was agreed to.

Mr. Watters also presented the report of the presiding examiner and gave the opinion of various candidates whom he had interviewed at the recent supplementary examination as to the advisability of doing away with that examination. The opinions expressed were to the effect that the discontinuing of this examination would entail no hardship on candidates.

The report was adopted.

Mr. W. A. Karn, the chairman, presented report No. 2 of the Executive and Finance Committee.

The report recommended the adoption of the Registrar-Treasurer's report, the statement of assets and liabilities and the John Roberts scholarship report.

In the matter of damage to a piano used by the students, the result of an accident at the hands of a College employee, the committee recommended that the repairs be done, under the direc-

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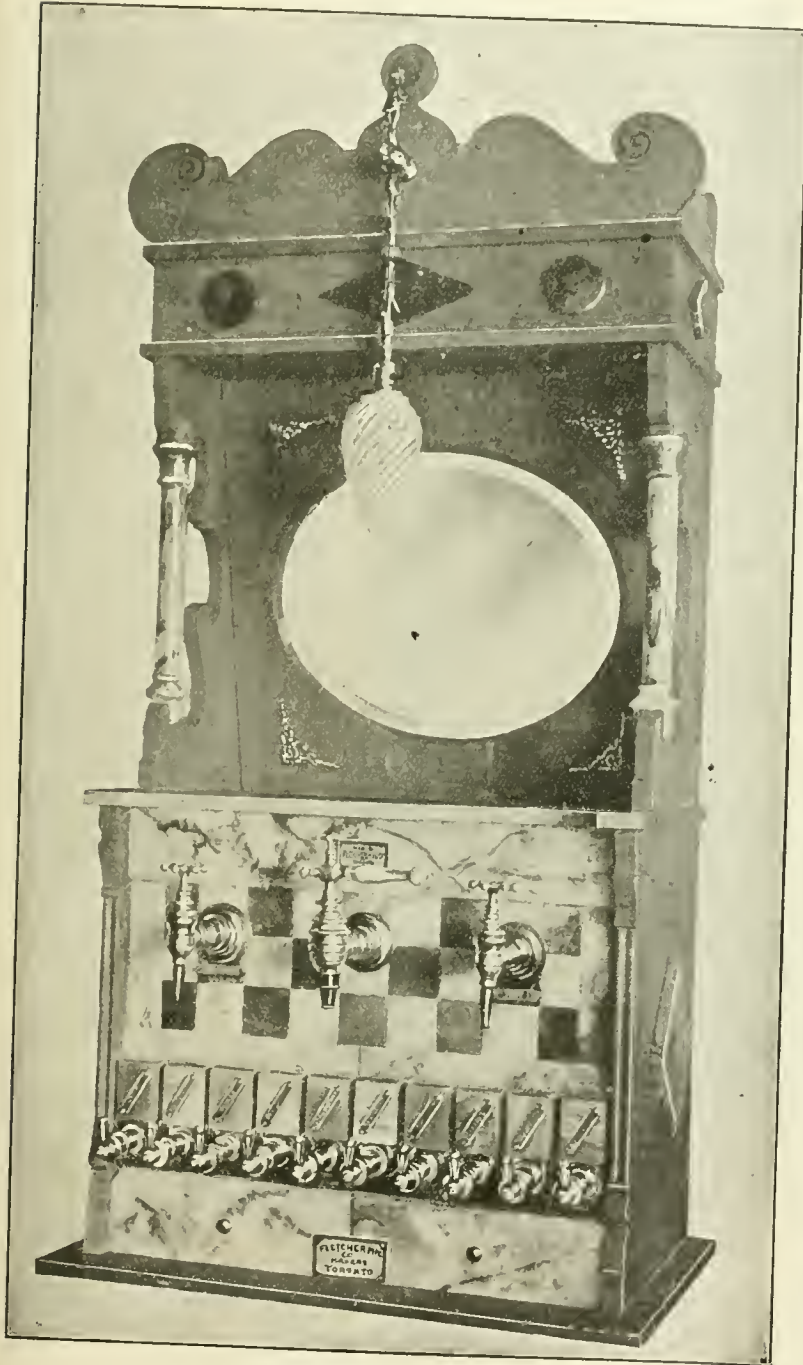
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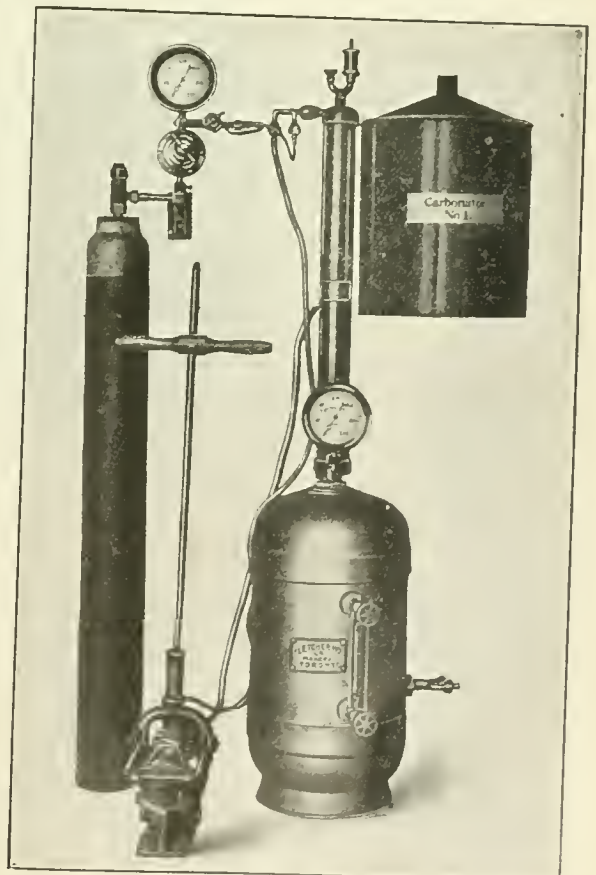
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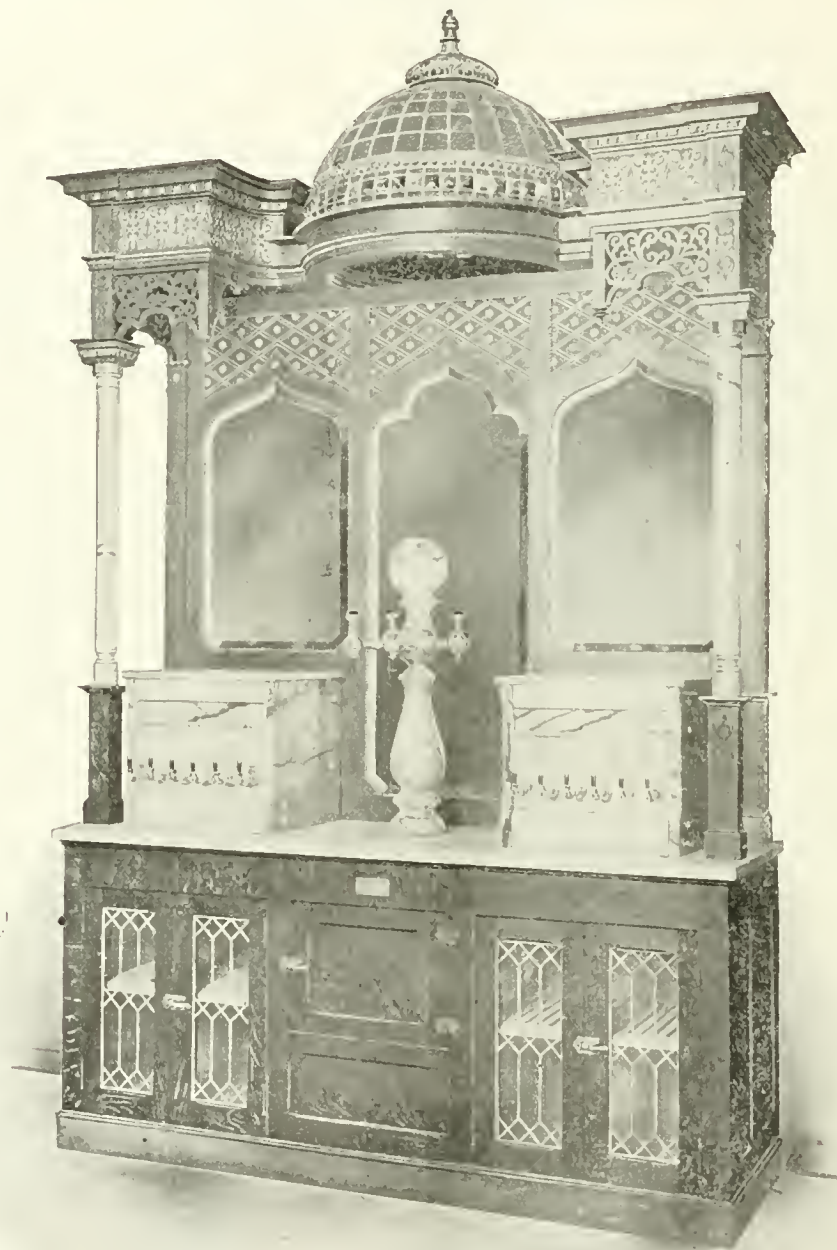
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McLAUGHLIN'S "SANITARY" SODA FOUNTAINS THE MOORESQUE



This cut shows the "prettiest" Soda Fountain yet built in Canada.

May be seen in our showroom with six other entirely new designs for 1905, and the full list of last year's designs, some twenty in all. Every Fountain is "Sanitary," no tin or other metal cans are used. Most of them are the popular "Syrups in Sight" apparatus with Refrigerator Bases. Drop postal for new illustrated 1905 catalogue.

J. J. McLAUGHLIN,
TORONTO

McLAUGHLIN'S

"REAL FRUIT" JUICES

and FOUNTAIN FRUITS

Are the leading Canadian brand and are used by all the best dispensers from Halifax to Victoria. Handsome lithos and window strips supplied.

BRONZE MEDAL (Highest Award) DOMINION EXHIBITION, TORONTO, 1903

SILVER MEDAL (Highest Award) INDUSTRIAL EXHIBITION, TORONTO, 1904

BRONZE MEDAL (Highest Award) DOMINION EXHIBITION, WINNIPEG, 1904

CONCENTRATED SYRUPS AND JUICES

Appetizer
Banana, Red
Birch Beer
Boston Punch
Catawba (Grape)
Celery Phosphate
Cherry, Morello
Cherry, Red
Cherry Phosphate, Wild
Chocolate
Claret
Coffee
Cream Soda
Creme de Menthe
Currant, Black
Currant, Red
Ginger
Ginger Ale
Grape Concord
Grape Kola

Lemon, Messina
Lemon Sour
Limeade
Maple Mint
Nectar, Roman
Orange, Blood
Orange, Navel
Orangeade
Peach
Pineapple
Raspberry, Black
Raspberry, Red
Root Beer
Russet Phosphate
Sarsaparilla
Spiced Elderberry
Sherbet
Strawberry
Vanilla
Violets Crushed

FOUNTAIN FRUITS

Apricot, Sliced
Cherries, Canadian Red
Cherries, Creme de Menthe
Cherries, Maraschino
Chop Suey
Figs, Whole
Lemon
Nectar
Nut Frappe
Orange
Peach
Pineapple
Pineapple (Sundae Cubes)
Raspberries
Strawberries

Western Branch, 204 Princess St., Winnipeg

McDiarmid Drug Co.,
St. John, N.B.

T. W. Mitchell,
18 Lagauchetiere St.,
Montreal.

Brown & Webb,
Halifax, N.S.

J. J. McLAUGHLIN,

Manufacturing Chemist,

151, 153, 155 SHERBOURNE ST.,

- TORONTO

DRUGGISTS' CONFECTIONERY

Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard LONDON, ENG.
Aldersgate Street



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin-foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

CHLORODYNE JUJUBES

PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Multum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

LINSEED, LIQUORICE AND CHLORODYNE
LOZENGES

Are now in great demand. We recommend all who have not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

Containing Aniseed, Benzoin, Chlorodyne, and other valuable Ingredients.

Sent out in 4-lb. Glass Show Jars. (Jars free.)

PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale House in or out of London can supply, or indents may be sent direct to Manchester

Half a Century in Business

Twenty-one Years in Canada

Do you not think it will pay you to supply no other Aromatic Cascara in your counter trade than

Kasagra?

For about fifteen years it has been the acknowledged standard, and you will find the public quite as appreciative of this fact as the physicians have been.



Stearns Quality has paid us, and will pay you good returns.

Frederick Stearns & Co.

WINDSOR, ONTARIO.

DETROIT, MICHIGAN.

Half
a
Century
in
Business

Stearns Pays Best

The Stearns Simplex Anti-toxin is the acme of convenience and quality in serum administration.

It pays you a good margin and we are taking all the risks of loss by expiration.

QUALITY AND CONVENIENCE

will ever command the patronage of all progressive physicians.

Twenty-
One
Years
in
Canada

Stearns Biologic Laboratories

Windsor, Ontario.

Detroit, Michigan.

tion of the Registrar-Treasurer, at a cost not to exceed \$75.

Some further accounts were recommended for payment. Lyman Bros.' account for advertising was placed in the hands of Mr. Gibbard for adjustment.

The sum of \$30 was appropriated for electric wiring in the Practical Chemistry Department.

The president was reimbursed \$10, expended

In appreciation of Mr. Williams' added duties his salary was increased to \$50 per month.

It was recommended that a sum of \$5,000 be withdrawn from the current bank account and placed in the savings department.

The good work of the Special Building Committee was commended and hearty support promised.

The report was adopted.

In reply to an enquiry from British Columbia as to the fee for registration at the College it was moved by Mr. John Hargreaves, seconded by Mr. E. W. Case, that the fee be placed at \$10. Carried.

Upon a motion by Mr. J. M. Hargreaves, seconded by Mr. E. W. Case, it was decided to have the minutes of the meeting printed in pamphlet form and distributed to the members.

It was also decided upon the motion of Mr. Henry Watters, seconded by Mr. J. M. Hargreaves, to obtain the opinion of the solicitor of the College upon the legal status of graduates who may enter business between the granting of certificates and the first of May following.

The president was reimbursed \$10, expended in postage, upon motion of Mr. J. H. H. Jury, seconded by Mr. C. Law.

The Faculty was granted the privilege of procuring a medal for Mr. Kennedy, who tied with the winner of the Chemistry Medal last May, upon motion of Mr. Henry Watters, seconded by Mr. W. A. Karn.

A cordial vote of thanks was passed to the president, Mr. W. B. Graham, for the courteous manner in which he had presided over the affairs of the Council during his two years of office. The motion was moved by Mr. Henry Watters, and seconded by Mr. E. W. Case, and spoken to by Mr. Watters, Mr. J. M. Hargreaves, Mr. J. Hargreaves, Mr. W. A. Karn and Mr. G. E. Gibbard.

This concluded the business of the session and an adjournment was made until the first Monday in August.

It is stated that a rubber factory will probably be established at Vancouver, the crude rubber being obtained from one of the South Sea islands, whither John H. Grace has set out.

PARAFFINED CORKS

An article appearing recently in the pharmaceutical press mentions a newly invented process for improving the texture of cork stoppers and rendering them more durable by filling the pores of the corkwork with casein; a liquid preparation of casein being driven into the porous parts by atmospheric pressure and there solidified in a form that is highly resistant to all chemical action.

A year or two ago the writer had evolved the idea of similarly treating stoppers, and other manufactures of corkwood, with hard white paraffin wax, and had become convinced that there were great commercial possibilities in the manufacture and sale of paraffined corks.

For many years before this I had made paraffined corks for my own use in the laboratory; fitting up working apparatus, or making atmosphere proof and non-sticking stoppers for stock containers, and making but a few at a time as the need arose.

A well paraffined cork is as much superior to untreated cork as a "mercerised" textile is superior to a cloth that is woven in the ordinary way from cotton yarn that has not undergone the improving process of mercerising.

slightly in appearance and fell from a stopper cut

A well paraffined cork stopper differs but from the finest quality of clear velvet corkwood. It is a little more "silky" in looks and feel; there is no trace of greasiness when rolled between the fingers, nor can any unpleasant odor be detected where good wax is used.

They are far more durable than ordinary corks and are stained or hardened by few substances; they slip easily into the neck of a bottle and are easily removed without danger of breaking off. They do not become cemented fast to the glass with saccharine, resinous or extractive matter. There is no danger of their imparting taste or odor to the contents of a bottle on long standing, even with mineral waters or other beverages.

In short, they seem the ideal stopper for general use, replacing glass or rubber stoppers in nearly every case, making a perfect, non-shrinkable seal that does not harden nor rot out, a cork that retains its elasticity indefinitely and is proof against insects or mould.

Thus treated, a cheaper grade of wood could be used in many cases, and a distinct saving thus made in the manufacturing costs of low-priced goods. Worked on a large scale the cost of the process would add but a small sum to the gross price.

Naturally, while at work upon the occasional small batch of corks that I have treated to the

* A paper contributed to the annual meeting of the N.Y. State Pharmaceutical Association, by W. A. Dawson.

process, I have thought of the commercial exploitation of paraffined corks. Success would seem certain to the first manufacturer getting them upon the market. The fact that no cork maker has done so has been a source of wonderment to me. The thing is so simple that it seems impossible that no one has thought of it, and such a desideratum that once thought of it would seem strange that the idea had not been acted upon.

It is with the hope that this will call the matter to the attention of some one who will investigate further as to the practicability of the process on a large scale and thus confer a boon to the retail drug trade and other large users of cork that this is written.

As I have conceived it, the thing seems very simple and quite inexpensive when done in a large way, the operation being similar to creosoting or fire-proofing timber. The corks are placed in an air-tight tank from which the air is exhausted; this operation is repeated once in order to remove the dust from the pores, which is forced out with the air contained in the cavities by the action of the exhaust. The second time the corks, without being removed from the vacuum chamber, are lowered into a hot solution of paraffine, where they are held deeply immersed, while the air pressure is allowed to gradually rise to the normal point (or it may be necessary to apply a pressure of two or three atmospheres) which forces the hot wax into every pore and opening in the corkwood.

After this the corks, contained in a basket-like arrangement of wire, are lifted out of the paraffin bath and allowed to drain at normal pressure, of course in a temperature just above the melting point of the wax until the excess of wax is removed or dripping ceases.

When this operation is properly conducted there should be no appreciable amount of wax left upon the surface, while the openings and grain of the wood should be completely filled with the wax.

Possibly a finishing process may be found necessary to free the corks from the last vestiges of wax on the surface; rolling in a polishing drum or some similar operation.

In paraffining a few corks for my own use I have only kept them immersed in the hot melted wax for a short time and after withdrawing them have kept the wire basket in which they are securely held suspended just above the surface of the wax bath until they have ceased to drip, the heat below being usually sufficient to free their surface from excess of wax.

When writing to any of our advertisers, please mention the Canadian Druggist. It will be of mutual benefit.

THE SHOW WINDOW

A SLEEPLESS SELLING AGENT

The usefulness of the show window is perennial. If properly trimmed it is a trade stimulant at all times and under all conditions. Just now it can be made a helpful factor in the disposal of the goods purchased for the season's trade. These must be displayed to the fullest possible advantage if the dealer is to reap the fullest possible profit from the money which he invested in them. Display in its commercial acceptance is merely another word for advertisement. What, it may be asked, is the primary object of every example of store or window decoration? Obviously, to attract attention; to assist in selling goods by arresting the notice of the passing pedestrians. This is the common end of every scheme of store and window ornamentation.

ADVERTISING THE WINDOW DISPLAY

Hours are spent in decorating to your satisfaction; many changes have been made before it reaches that point, and when it is finished you admire the work, thinking surely others will do so. No doubt they will—if they happen to pass, but did it never occur to you that many more might be brought to notice its contents if they knew of it? If the goods be worth so much time and labor in arranging (as they certainly are), they should be worthy of mention in the daily paper. Of course, you do some advertising—why not give the window a chance? Not of necessity every time a display is changed, but from time to time, as special goods are shown. Many persons would, no doubt, be prompted to go a few steps out of their way to see the window as advertised. Merchants in many sections are beginning to appreciate this and are making their displays and their newspaper advertising mutually helpful, the utility of both factors being thus made to serve a dual purpose. It is a well-known fact that there are many people who would go a considerable distance to see an article in the window with the price marked on it, rather than go to a store and ask for it.

Bring it home to yourself; you may feel the need of some garment or other article, know where you think it may be bought and yet you are timid about going to purchase it. Should you know where it was on exhibition in a window, however, you would probably stop to see if it was what you wished, and, if so, you would doubtless go within for a closer inspection.

AN INTERESTING CALCULATION

These facts should be borne in mind when advertising copy is being prepared for the newspapers. Inducement should be given the public to inspect the goods on exhibition. They should be made to feel that such an inspection is well worth

"Be wise to-day,
'tis madness to defer."

IMPORTANT!!!

The success with which our past efforts have been rewarded has encouraged us to still greater efforts in selecting a range of samples for import of

Foreign Novelties for Holiday Trade

We are confident you will acknowledge our line for this season has never been equalled for variety in dainty and novel effects.

Our staff is now engaged in marking and arranging these samples, and our display rooms will be ready by

March 15th

Make a special effort to meet our Salesman.

WARWICK BROS. & RUTTER

Limited

Importers of
High-Class Foreign Novelties.

TORONTO

NATIONAL LICORICE COMPANY

SOLE MANUFACTURERS OF THE CELEBRATED

Y. & S., SCUDDER AND M. & R.

— BRANDS —

PURE STICK LICORICE

ACME PELLETS

M. & R. WAFERS
in 5c. Bags

LOZENGES, Etc.



POWD. GREEK
and

SPANISH
EXTRACTS
and

POWD. LICORICE
ROOT

in convenient packages for
the Drug Trade.

Advertising Matter Furnished to Retail Drug Stores for Counter and Window Display

Applicants will Please State Which of the above Brands is Used.

106-116 JOHN STREET - - BROOKLYN, N.Y.

ILLUSTRATED CATALOGUE ON REQUEST

FOR

\$1

If received at once we will send to any pharmacist, not already a subscriber, The Spatula for one year and any one of the following premiums postpaid. Order by number.

1. Spatula Soda Water Guide.
2. Book of 2000 Druggist's Shop Labels.
3. Dr. Fall's "Law of the Apothecary."
4. Edel's "How to—Make Tablets."
5. Mason's "How to Become Registered."
6. "500 Spatula Recipes and Formulas."
8. "Book-keeping at a Glance."
10. Spatula Poison Register.
11. Spatula Legal Liquor Register.
12. A Six-Band Prescription Numberer and Dater.
13. Three good Advertising Cuts.
15. 50 Illustrated Ads for Druggists.
16. A Hard Rubber Coated Steel Spatula.
17. "Extracts and Perfumes," bound in cloth.
18. Skull and Cross-bones Scarf-Pin.
19. Ten Spatula Placards (send for Catalogue)

THE SPATULA is the handsomest and most practical pharmaceutical journal in the world. It is beautifully illustrated, is filled with practical articles, and will help you to make money. Subscription, \$1.00 per year; foreign, \$5 6d, postpaid.

Foreign chemists and druggists to take advantage of the above offers should send, because of extra postage, 6s. Address

THE SPATULA, = 7 Sudbury Building, = Boston

You Can Make More Money
Selling

"JAPANESE"

BRAND

WRITING INKS AND MUCILAGE

SELL QUICK
SATISFY CUSTOMERS
WE GUARANTEE QUALITY

They're Perfect.

MANUFACTURED BY

THE COLONIAL INK CO., LIMITED

PETERBORO' = CANADA.

while. In this connection a recent writer has shown by a simple and mathematical calculation the far-reaching influence of a show window for good or ill. He writes as follows:

"To appreciate its value you should do a little figuring. How many people pass your store in a day? If the average is ten a minute in the eight busiest hours of the day, 4,800 would pass your window. This number, 4,800, represents what in newspaper parlance is called "daily circulation." Now, your show window occupies say 100 square feet surface space, and in it you can display attractively quite a line of goods, changing the display as often as you wish. In a daily newspaper with an actual circulation of 4,800, 100 square inches (not square feet) would cost approximately \$10 per day, and in this space you can put only cuts of the articles themselves, and as a rule the cuts but imperfectly represent those articles. Now, your window space presents a surface 144 times as great as your \$10 newspaper space, has depth in addition to surface, and in it can be displayed the articles themselves, true to life as to color, size, shape and everything, and, furthermore, they are seen at the entrance to your store, inside of which a salesman stands ready to give additional information and exercise his ability in making a sale. This window space is yours every day and all day; it presents wonderful possibilities as an advertising medium, and it's up to you to get those possibilities out of it. If newspaper space properly used is worth its cost (and we are firmly convinced it is) how important it is that so valuable an advertising medium as the show window should not be neglected."

SEEING IS BELIEVING

But in addition to the wide scope of the possibilities inherent in the window display by reason of the surprisingly large number of persons under whose notice it comes, it is also especially significant on account of the directness with which it appeals to the passing public. The best advertising is that which makes a direct proposition to the reader, inviting him to act. This principle is most convincingly exemplified in a window display. The nearer a window comes to the people who pass in the street, the stronger and more salient the appeal it makes, the more goods it will sell.

COLORS LIGHTS FOR WINDOWS

A subscriber writes: "I notice that the effect of a window display is very much increased at night by means of colored lights. My town has an electric light plant, but I do not understand how to color electric light globes. How is this done?"

The use of alum makes a suitable substitute for the more elaborate process when the required colors are not readily obtained. Make a solution of

alum water and dip the globe into it after carefully cleaning off all grease and dust. Have a rack or some other means of holding the globe in a horizontal position while it drains and dries, which process, by the way, should be slow and even in order that the crystallization may be uniform. It may be necessary to repeat the dippings several times. This makes the white frosted globe. To make a red solution add cochineal coloring; tumeric makes yellow and indigo makes blue. There is still another method more simple than the above. With a fine brush cover the globe as evenly as possible with good mucilage and sprinkle with talcum powder; for red use a red powder and so on.

SIGNS ON WINDOWS

Some merchants desiring to have a few words printed on the window glass for a few days, to be rubbed off and changed, have tried soap, and given it up as unsatisfactory. Experienced window trimmers know that soap is all right on mirrors, but not on windows. Silver whitening, mixed with water, makes a good material for this purpose, but one must handle a brush well to use it. The sign may be marked off with soap on the outside and then traced on the inside of the glass. It is not often that a dealer would need to use such a temporary sign, but it is well to know how in case the occasion should arise.—Keystone.

KNOW YOUR STOCK

Little journeys around the store may not yield much pleasure, but they are sure to yield profit. Do you know the stock well?

Here comes a man with a sample line. It looks good. You are tempted to buy because he has some good things. You know you can sell them.

What is your investment now in that line? Is it large enough?

Maybe you do not take the trouble to find out. Maybe you glance over the stock and think it will stand up any way.

About the time the goods come in, after you have studied the invoice for a few days, you find your stock in that particular line is a little bigger and your investment more than it should be.

That may be no great thing in itself, but you may be repeating that same work in a dozen lines which you handle, and all of them combined make a problem for you.

Little journeys about the store will help you some.—Ex.

SODA WATER FOUNTAINS

The soda water season will soon be on again and it is none too soon for those who contemplate putting in a fountain or exchanging the old

one, to make all their arrangements. The Fletcher Mfg. Co., Toronto, are again to the fore, and in their advt. in this issue call the attention of the trade to their variety of styles, which are all Canadian made and guaranteed. This firm also carries a complete supply of everything necessary for the soda water trade.

METAL STORE FURNITURE

Nothing in the way of furniture for drug stores, has ever achieved the fame and popularity of Andrews' Metal Furniture. Wherever you go you see it—wherever you see it 'tis held in the highest esteem. It is light, convenient, cleanly, durable and peculiarly adapted for drug store use, particularly where soda is served. The equipment consists of stools for soda fountain, tables for refreshments, and chairs. Andrew's Metal Furniture is made of Bessemer spring steel rods, twisted and interwoven (imitating kinds are not interwoven as this vital fundamental principle is protected by strong patents) giving it the greatest rigidity and strength. The metal work is handsomely plated in Japanese copper finish, giving a beautiful effect.

Andrew's Metal Furniture is light and graceful yet the strongest furniture made, as its construction is such as to make it practically indestructible. Its beauty is such as to make it in striking contrast with common stools, chairs and tables formerly used.

Andrew's Metal Furniture adds tone and smartness to any store where it is used. Its utility is not approached by any furniture made. Look for the name Andrews on the bottom of every chair, table and stool. When you find that name on a piece of metal furniture you are safe in buying it, for the A. E. Andrews Co., Chicago, warrant their goods for ten years. Andrews' Metal Furniture is the original kind whose good points and utility have made metal furniture famous. Andrews' Metal Furniture, in addition to its use as equipment for drug stores, is also used in hotels, cafes, soda fountains, ice cream parlors, photograph studios, hair dressing and manieuring parlors, and barber shops.

Send for catalogue beautifully illustrated in colors. This firm also manufactures office, school, church and opera house furniture. See advt. in this issue.

COOLING SUPPOSITORIES

It is proposed by a French pharmacist to use ethyl chloride as a cooling agent when preparing suppositories. The mould is wiped out with cotton wool wetted with ethyl chloride before pouring in the melted suppository-mass. In from three to five minutes the suppositories will have set hard.

Its Just Like This

WE put up
our goods
so attractively
that they sell on
sight.

King Edward Toilet Paper

for example, is
the highest qual-
ity of Toilet Pa-
per made—thin,
satiny, tough—the
perfection of pa-
pers. It comes
in a beautifully
lithographed
wrapper that
puts to shame the
common package.
For best trade of
course.

Sheets or Rolls.

Sample free.

Send a Postal.

Douglas & Ratcliff
LIMITED

30 W. Market St., Toronto.

The Great Food Remedy for Consumption

"Tropon" Cocoa and Chocolate

PROMOTES DIGESTION AND BUILDS
UP AND STRENGTHENS THE SYSTEM

COWAN'S

Chocolate Cream Bars
Chocolate Wafers
Milk Chocolate Wafers
Croquettes and
Medallions

ARE THE DAINTIEST AND PUREST
CONFECTIONS

The Cowan Co., Limited
TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.



CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited.
TORONTO



HORLICK'S MALTED MILK

For INFANTS, INVALIDS,
the AGED and TRAVELERS

SAMPLES, SIGNS AND ADVERTISING
MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

HORLICK'S FOOD COMPANY
Pioneer Mfrs. of Pure Malted Foods
Racine, Wis., U.S.A.

GILMOUR BROS. & CO., Sole Agents for Canada, Montreal.

This is the best.

Cleave's Celebrated Devonshire Cream Chocolate

(Made in England)

MILK Chocolates have become very popular of late,
but what is becoming most popular of all is,

Cleave's Celebrated Devonshire Cream Chocolate

No MILK Chocolate can compare with its charmingly
beautiful flavor and rich aroma.

Most nutritious and sustaining.

Composed of finest quality cocoa and pure, rich

Devonshire Cream

So toothsome and delicious, that, having once tasted
it, you hesitate before buying any other.

Doctors recommend it for invalids and children.

5c., 10c., 20c., and 40c. lines.

THE ROYAL CONFECTIONERY CO'Y

Canadian Representatives

115 Simcoe Street, - Toronto

BABY'S DEFENCE



For
Soft,
White,
Fragrant
Skin,
Use
**BABY'S
OWN SOAP**

No other Soap is just as good. 031
ALBERT TOILET SOAP CO., Mfrs. MONTREAL.

THE MASTER MECHANIC'S PURE TAIL SOAP
heals and softens the skin, while promptly cleansing it
of grease, oil, rust, etc. Invaluable for mechanics,
farmers, sportsmen. Free Sample on receipt of 2c for
postage. Albert Toilet Soap Co., Mfrs. Montreal.

This Soap is being exten-
sively advertised. It will pay
you to keep it in stock and
supply the demand.

JOSEPH E. SEAGRAM

Waterloo, Ontario.

MANUFACTURER OF

ALCOHOL

Pure Spirits

Rye and Malt Whiskies

"OLD TIMES" and "WHITE WHEAT"

J. S. HAMILTON & CO.'S BRANDY

Is the only Brandy distilled in Canada
under the supervision of the Excise De-
partment of Canada.

It is recognized by the Medical Faculty
as genuine and equal to the highest class
French Brandies for medicinal purposes.
For sale in cases of 12 qts. and 24 pts.,
and in packages of 5 gallons and up-
wards.

J. S. HAMILTON & CO.
Brantford and Pelee Island, Canada.



Sold to the trade from

HALIFAX TO VICTORIA

by

HALIFAX—Brown & Webb, Simsoo Bros. & Co., Hattie
& Mylius.

ST. JOHN—T. B. Barker & Sons, Canadian Drug Co.,
The McDiarmid Drug Co.

YARMOUTH—C. C. Richards & Co., proprietors.

QUEBEC—W. Brunet & Co.

MONTREAL—Kerry, Watson & Co., Lyman, Sons &
Co., Lyman, Knox & Co., Evans & Sons.

PRESCOTT—T. W. Chamberlain & Co.

KINGSTON—Henry Skinner & Co.

TORONTO—Lyman Bros. & Co., Elliot & Co., Evans &
Sons, Northrop & Lyman, T. Milburn & Co.

HAMILTON—Dominion Drug Co., J. Winer & Co.

LONDON—London Drug Co., Jas. A. Kennedy & Co.

WINNIPEG—Martin, Bole & Wynne Co., Bole Drug Co.

VANCOUVER and VICTORIA—Henderson Bros.,
McDowell, Atkins & Watson.

NEW WESTMINSTER—D. S. Curtis & Co.

Patents

Caveats, Trade Marks,
Designs, Patents,
Copyrights, Etc.

Correspondence Solicited.

JOHN A. SAUL
LeDroit Bldg., WASHINGTON, D. C.

Gray's

CASTOR-FLUID

For the hair.

DENTAL PEARLINE

An excellent antiseptic tooth wash.

SULPHUR PASTILLES

For burning in diphtheritic cases.

SAAPONACEOUS DENTIFRICE

An excellent antiseptic dentifrice.

These Specialties

All of which have been well advertised
more particularly the "Castor-Fluid,"
may be obtained at all the wholesale
houses at Manufacturer's price.

Henry R. Gray

Established 1859

Pharmaceutical Chemist

122 St. Lawrence Main Street

(Cor. of Lagacubetiere)

MONTREAL

When You Prescribe a Tonic

all conscientious doctors can unhesitatingly recommend

WILSON'S INVALID'S PORT

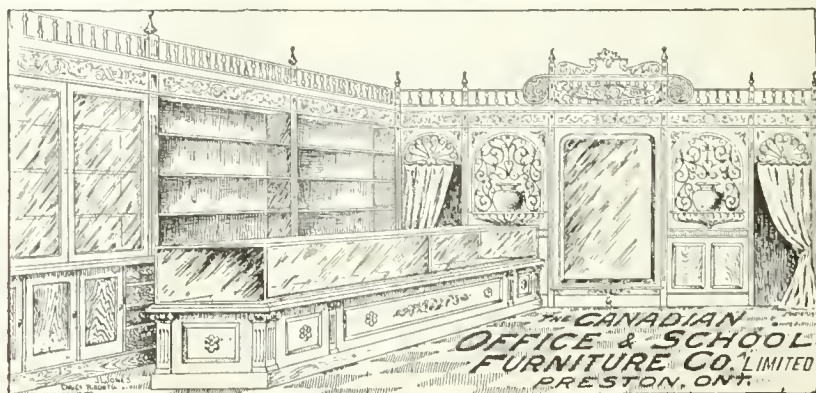
It is a rich wine with which have been carefully blended extracts of
Cinchona bark.

It is positively free of all deleterious ingredients; its absolute
purity being vouched for by such eminent medical authorities as L.
Miuier, French chemist, of the celebrated Laboratory of Practical
Sciences, and Milton L. Hersey, Canadian Government Analyst.

It is strongly recommended for Anaemia, Chlorosis, General
Debility, and for heavy mental or physical strain.

LAWRENCE A. WILSON CO., Limited

Canadian Agents, MONTREAL



Formulary

COMPOUND CREOSOTE PILLS

Creosote Beechwood 1 Gm.
 Extract Kola 0.5 Gm.
 Extract Coca 0.5 Gm.
 Powdered Liquorice 2 Gm.
 Mix and divide into ten pills.

GRANULATED LECITHIN

An eligible form of administering lecithin is given by an exchange:

Lecithin 5
 Vanillin 0.25
 Alcohol (90 per cent.) 40
 Granulated Sugar 440

Dissolve the lecithin and the vanillin in the alcohol, and with the solution moisten the granulated sugar, which then allow to dry in the air, or in a drying closet at a moderate temperature.

FOOT POWDER

Potassium permanganate 13 parts
 Alum 1 part
 French chalk 50 parts
 Zinc oxide 18 parts
 Calcium hydrate 18 parts

This powder is used in cases of sweating feet. Each night a warm foot-bath of a 1 per cent. solution of potassium permanganate is used.—Medical Record.

FOAMING CARBOLIC TOOTH WASH

Soap bark 4 ounces
 Glycerin 3 ounces
 Alcohol 5 ounces
 Carbolic acid 1 ounce
 Oil of wintergreen 20 minims
 Oil of cinnamon 5 minims
 Cochineal 5 grains
 Water 20 ounces

The proportion of carbolic acid is considered excessive by some. It may, of course, be reduced.

Macerate the first three ingredients together for three days, then add the others, digest for three days, shaking frequently, and filter.—Practical Dentistry.

HUGENSCHMIDT'S DENTIFICE

Menthol 1 ounce
 Salol 8 ounces
 Powdered soap 20 ounces
 Calcium carbonate 20 ounces
 Magnesium carbonate 60 ounces
 Oil of peppermint 2 ounces

If desired 10 to 20 ounces of powdered pumice may be added.—Le Courrier Medical.

DEPILATORY

The following modification of the well-known barium-sulphide depilatory is taken from the "Bulletin des Sciences Pharmacologiques": (C. & D.)

Barium sulphide 25 parts.
 Powdered soap 5 parts

French chalk 35 parts
 Starch powder 35 parts
 Benzaldehyde to make 120 parts

One part of the preparation is mixed with 3 parts of water, the mixture applied to the part and washed off after five minutes.

FIXED OIL OF MUSTARD IN TOILET PREPARATIONS

Macon recommends (Phar. Zeit.) the use of fixed oil of mustard for the preparation of hair oils and other toilet preparations. The oil is clear, free from viscosity and does not easily become rancid. It contains but little free acid, does not resinify and is soluble in mineral oils. The following typical formulas are given:

HAIR OIL

Fixed oil of mustard 500 parts
 White vaseline oil 100 parts
 Palma rose oil 8 parts
 Isoengenol 2 parts
 Geranium oil 4 parts
 Orgeol 5 parts

TOILET PREPARATION

Alcohol (90 per cent.) 3000 parts
 Synthetic rose oil 15 parts
 Orgeol 5 parts
 Fixed oil of mustard 3000 parts

TOILET CREAM

Fixed oil of mustard 100 parts
 White vaseline 200 parts
 White wax 25 parts
 Synthetic rose oil 1.5 parts
 Geranium oil 1 part
 Synthetic neroli oil 5 parts

INK TABLET

Galls 2 oz.
 Iron sulphate 5 dr.
 Copper sulphate 15 grn.
 Alum 1 dr.
 Rock candy 90 grn.
 Acacia 150 fl. oz.
 Potassium bitartrate 15 grn.

Mix all the ingredients in the form of powder into a stiff paste with a mixture of glycerin 1 part and water 2 parts. Mould in half-ounce tablets, and dry.

Each tablet dissolved in water suffices to make one pint of ink.

BIRCH BEER EXTRACT

Sassafras 4 parts
 Wild cherry bark 2 parts
 Pimento 4 parts
 Wintergreen 4 parts
 Hops 1 part
 Coriander seed 2 parts

Percolate with diluted alcohol until 40 parts of tincture are obtained.

The extract may be added to plain soda water in the proportion of half a teaspoonful or so to an ordinary glass. If desired syrup may be added to the extract in suitable quantity to modify the taste.

CATARRH SNUFF.

1. Iodole 3 gr.
 Boric acid 1½ dr.
 Bismuth subnitrate 1 dr.
 Tannic acid 6 gr.
 Menthol 3 gr.
 Powdered starch 2½ dr.
2. Bismuth salicylate 160 gr.
 Camphor, fine powder 40 gr.
 Menthol 2 gr.

The powders must of course be in the finest impalpable condition and very intimately mixed.

NEURALGIA REMEDIES.

1. Menthol 45 parts
 Cocaine 15 parts
 Chloral hydrate 10 parts
 Petrolatum 300 parts
2. Aconite tincture 5 parts
 Chloroform tincture 5 parts
 Lard 20 parts
3. Peppermint oil 8 parts
 Aconite tincture 4 parts
 Chloroform 2 parts
 Poison! Apply every half hour.
4. Camphor 1 part
 Chloral hydrate 2 parts
 Chloroform 4 parts
 Alcohol 4 parts
 Poison!

IMPROVED CARBOLIC SALVE*

The appended formula will be found an elegant preparation, effective and soothing, and one that will not crystallize:

- Carbolic acid 3iiss
 Camphor 3iv
 Lanolin 3i
 Oil sassafras m xv
 White wax 3vi
 White petrolatum (refined)..... 3iiij

Melt the carbolic acid and camphor, and while warm add the oil of sassafras. Melt the wax, petrolatum and lanolin together, add the solution of camphor and stir occasionally while cooling. The caustic properties of the acid are neutralized by the camphor.

PAPER KETTLES

The latest paper story is to the effect that the Japanese soldiers carry with them kettles made of thin paper, the invention of one Daiju. The kettle upon being filled with water and the outside surface dampened, is hung over the fire; in ten minutes the water is boiling. A kettle costs but two cents, and can be used eight or ten times.

*Contributed by S. Bayne at the annual meeting of the Georgia Pharmaceutical Association.

BOOKS

"Materia Medica of Vegetable and Animal Origin, giving the latest, fullest and most accurate account of crude drugs, including the whole of those official in the British Pharmacopoeia and all the unofficial drugs in common use."

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The author of the work, Mr. John Humphrey, is a practical pharmacist, whose experience has given him the knowledge of the requirements of students so essential in these times, and he has given us a volume which cannot fail to be of the greatest value, not only to students, but also to practising pharmacists.

The denominations of the metric system have been used for all measurements and the whole of the information given is in most convenient form. The book consists of 512 pages, Pott 8vo, bound for the pocket or desk. Publisher, Henry Kingston, 13 Farnival St., Holborn, London, E. C., England.

"The Mother's Manual, a month by month Guide for Young Mothers," by Emelyn Lincoln Coolidge, M.D., visiting physician of the out-patient department of the Babies' Hospital, New York, etc., etc. Illustrated. Publishers, A. S. Barnes & Co., New York, 1904. This volume is one of the Woman's Home Library series, edited by Mrs. Margaret E. Sangster, and is intended especially for the use of young and inexperienced mothers who in many cases are lamentably ignorant as to diet, clothing, sleep, exercise, ointments or regarding the general management of infants. It is thoroughly practical and of undoubted value. Published at \$1 net.

"First Report of the Wellcome Research Laboratories at the Gordon Memorial College, Khartoum," by the director, Andrew Balfour, M. D., B. Sc., M. R. C. P., Edin. D. P. H. Cantab., Fellow of the Royal Institute of Public Health, etc. Published by the Department of Education, Soudan Government, Khartoum, 1904.

The research laboratories of the Gordon College were equipped through the generosity of Mr. Henry S. Wellcome to the Soudan Government and are intended to promote technical education and the study bacteriologically and physiologically of tropical disorders, for the purposes also of experimental investigation in poisonous cases, and other chemical and bacteriological testing and assaying of practical interest in the industrial development of the country. The first instalment of the report, embraced in the volume

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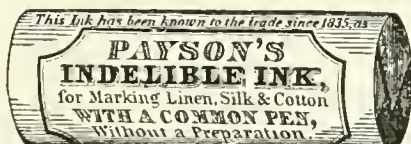
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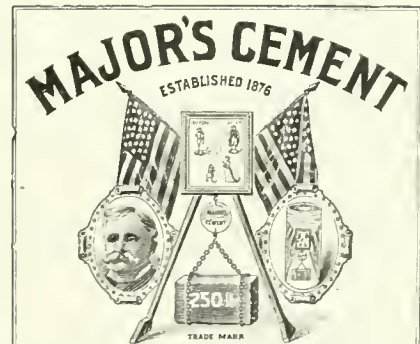
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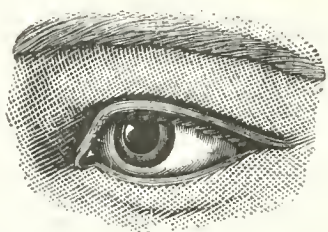
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before us, takes in the period of 12 months, from Feb. 1, 1903, to Feb. 1st, 1904, and is devoted mainly to "Mosquito work in Khartoum and in the Anglo-Egyptian Soudan generally," and shows the thoroughness and ability displayed in the work undertaken. The letter-press and illustrations are of the very finest character.

"Scroggins," by John Uri Lloyd, author of "Stringtown on the Pike," "Red Head," etc. Those of our readers who have read the other works of Prof. Lloyd will certainly want this last volume of his, which is so full of pathos and of intensity of human feeling as developed in the rich though uneducated "Scroggins." One cannot read it, or any of this author's works without realizing the deep undercurrent of "man's brotherhood" as exhibited in the leading characters.

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Messrs. C. F. Boehringer & Soehne of Mannheim-Waldhof, Germany, call the special attention of the trade to their B & S brand of Cocaine and Quinine, of which they are leading manufacturers, and also to their Cinchona preparations, besides Atropine, Caffeine, Chloralhydrate, Codeine, Commarine, Eserine, Guaiacol, Hydrastine, Hydroquinone, Lactophenine, Phenacetin, Pyrogallie Acid, Resorcine, Santonine, Strychnine, Theophylline, Veratrine, etc. Messrs. B. H. Thompson & Co., Ltd., Montreal, are the Canadian representatives of the firm.

DEATH OF MR. PETER VAN SHAAK

Mr. Peter Van Schaack, whose death occurred recently, was a prominent wholesale druggist of Chicago, who has been engaged in business in that city since 1864. Mr. Van Schaack was one of the founders of the Western Wholesale Druggists' Association, which eventually became the National Wholesale Druggists' Association. Deceased was in his 73rd year and lived in Chicago 40 years, being very prominent in drug circles.

PYRENOL

Lewitt states (Therap. Monats.) that pyrenol, a compound salt of sodium with benzoic and salicylic acids and thymol, possesses all the therapeutic advantages of salicylates, without their drawbacks. It forms a white, hygroscopic, crystalline powder, soluble in five parts of water. It has an aromatic odor and a slight sweetish taste. Piorkowski finds that it is without toxic action on animals. It is given in rheumatism, in which it acts promptly without producing tinnitus or other secondary symptoms. It has also been found valuable in influenza, and as an antithermic in pneumonia. It is given in doses of 8 to 12 grains three times a day. In pertussis it is effectual in small doses.

Optical Notes

OPTICAL ADVERTISING

L. W. Greivish, in Optical Journal

This is a broad subject. All business or professional men advertise in some way. The merchant by the papers, stating the quality and price; the mail order houses by the papers and magazines; though, by the way, the mail order houses are about the only ones who can and do know from what mediums they are getting returns. The advertiser as a rule has no assurance that he will get returns, though the history of advertising shows that large fortunes have been made in this way. Professional men as a rule do not advertise very much, although a certain doctor who advertises all through the United States is making a success of it, and why should he not, as he guarantees a cure or no pay. The optician should advertise for many reasons, as it is to his personal interest. A good many people may not know that there is an optician in their own town. Let the people know that you thoroughly understand the eye and its defects, and that you have the latest improved instruments for making the examination of defective vision. In your ads. state that you have a first-class dark-room, reception room, and office, fitted up in a thoroughly up-to-date manner.

How should the optician advertise? The first principle in advertising is to catch and hold the eye of the reader by using good cuts or special designs, but do not try and see how much you can get into the space you are paying for. Plenty of white space catches the eye, as it is more distinctive. Make your advertising convincing and truthful. When you make a statement, tell the why, show why the optician is necessary, show why cases of eye strain cause headache and if not taken care of cause nervous breakdown.

The mediums of advertising depend a good deal upon the locality. The daily papers are the best. Use what space you can pay for and change your ads. often, but do not change the position. Booklets are good; about eight pages is large enough; anything larger is liable to be thrown away. Illustrate them with good cuts and either mail or distribute from the store. Street car advertising has not been used very extensively by the opticians, but it is one of the best if a good picture is used and the wording as brief as possible.

In conclusion, one of the best advertisers is a satisfied customer, and if your advertising is right and your work right, you will soon have a large business from advertising that will not cost you much. Above all, be truthful in all advertising and work. It is the best ad. you can have.

TO DETERMINE BINOCULAR VISION AND VISUAL ACUITY

M. Armaignac, of Bordeaux (Annales d'Oculistique), (The Optician), has devised a new method of determining the existence of binocular vision, and increasing at the same time the visual acuity of each eye. He has constructed for this purpose a small and very simple apparatus, based on the old method of the ruler or pencil; but giving results much more precise. It is composed of a rectangular box, having one end open and the other end closed. The upper wall has a window, lighting a small card of test-types, placed vertically against the closed end. The floor has a median, antero-posterior slit, in which slides a vertical narrow strip. The open end has a test-frame fixed at 25 or 30 cm. from the test-types. These test-types are composed of nine vertical columns of words which decrease in size from above downwards, so that they correspond for this distance of 25 cm. to 1-9, 1-8, 1-7, 1-6, 1-5, 1-4, 1-3 and 1-2, respectively of normal visual acuity.

According to the position of the sliding screen strip along the lower groove, there is always one column of words hidden from each eye; but the hidden column of one eye is, of course, always visible to the other eye. The result is that each line can be read horizontally in its entirety only when the visual acuity of each eye is not below what is necessary to the reading of this line. If one eye sees better than the other, it continues to read the smaller words, but omits the words of the column hidden from it by the screen strip; they are seen, to be sure, but no longer read by the more amblyopic eye. The line, at which the reading ceases for one or the other eye, indicates the visual acuity of the corresponding eye. It is seen at once that the binocular vision may be determined by the same ability to readily read across any given line.

Notwithstanding the exact results furnished by this apparatus, which even permits the use of the glass required for near vision, if necessary, the author recommends, nevertheless, the use also of test-types, with words colored red and green, and the placing in the frame of a red glass upon one side and a green glass upon the other. By this method one has a control over the other method, and the most exact results are secured.

VASENOL

This is an emulsion of yellow soft paraffin with 25 per cent. water, higher fatty alcohols, e.g. cetyl alcohol from spermaceti, ceryl alcohol from Chinese wax, or melissyl alcohol from bees-wax, being added to produce the emulsion. The preparation is of an ointment-like consistency and lends itself to the incorporation of medicaments, mercury-vasenol containing 33 1-3 per cent. of mercury.

Photographic Notes

HINTS FOR BEGINNERS IN PHOTOGRAPHY.

Twenty years ago, said Dr. Hollingsworth, it was a common practice to over expose, whereas, nowadays, with beginners at least, it seems to be nothing but hand cameras and under exposure, and it seems unfortunate that the most important and difficult process of exposure should come first.

With a negative that is technically good we can do almost anything, but if we get a defective one it is only by dodging, and experience at that, we can overcome its defects. Under and over exposure teaches us that there are limitations within which exposure lies, and that it takes time for the light to impress the image upon the plate.

In taking photographs we have to deal with, or consider, a number of factors. Some of these take the form of atmosphere, wind, fogs, varying conditions of lighting, the summer or winter, and the difference in the actinic value of the light brought about by the changes of the season, and, finally, with the important matter of the subject itself.

Then, again, many beginners do not find out for a long time the value of the stops, though this has a great deal to do with the length of the exposure, and the results obtained. It should be understood that each one, as we work down, practically doubles the exposure. In focussing at open aperture (which is the correct method) it is best to aim at sharpening up any object about a third of the distance away, and then to stop down only sufficient to bring the whole field of view into equal focus.

There is also the question of fast plates and slow ones. The tyro generally uses the former, although the latter are the most easy to control. The fast makes are more easily damaged by fog in the dark room, owing to the unnecessary and continuous practice of frequently looking through the plate to see how development is going on.

There is a golden rule—expose for the shadows, and the rest will take care of themselves, which each must always bear in mind if he wants to make the negative a successful one.

The use of an actinometer was strongly recommended, so that some guide may be followed. It will save its cost over and over again during a busy season.

Of developers the lecturer was quite satisfied with pyro-soda, and very seldom used anything else. The formula upon the box was what he recommended, but diluted with an equal quantity of water to begin with. The formulae on the box are generally made for studio work, and as the amateur does mostly outside work, it will be readily

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Unal is suitable for all sorts of plates and films, positives and bromide papers.

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Unal produces contrast and softness as desired.

Unal is but little affected by change of temperature.

Unal keeps excellently in the original packing, and is of small bulk and weight.

Unal package is therefore exceptionally suited for transport and has no breakage of bottles.

Unal is above all handy and convenient, the whole contents being dissolved in the prescribed quantity of water.

Unal is immediately ready for use.

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CANADIAN DRUGGIST

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seen why it is necessary to dilute the same.

Metol seemed to have the faculty of bringing out detail before it piles up density. With it one has to take the plate further than seems to be necessary, as it loses a good deal of density during fixation.

It is most important, if one wants to do good work, to stick to one developer and master it before one makes any change. The same rule applies equally to the plate. We should thoroughly

pyro, twelve grains of sodium carbonate, twelve grains sodium sulphite, and half a grain of potassium bromide.

A question that seemed to trouble a good many was when to stop development. Using the Ilford plates and the formula given above he said he had to develop until the high lights were well seen on the back of the plate. But the peculiarities of different makes in this respect must be taken into consideration when using them.



GOLD STREAM BRIDGE, BRITISH COLUMBIA.

by J. G. Legg.

Engraved by Legg Bros. Eng. Co.

understand one particular kind, exhaust its possibilities, instead of flitting about from one to another. If this is followed out, the more experience one gets the more will he find that one make is perhaps as good as another, and capable of producing good negatives if the exposure and development are correct.

The Ilford formula is the one used by the lecturer, and he said had served him well for some years. It consists of four grains to the ounce of

In developing it is well to keep as far away from the light as possible, for no dark-room lamp seems to be absolutely safe. We can do with perfect impunity at four feet what would be quite fatal at one foot. The lecturer used two sheets of canary fabric, and was able to read the paper whilst development was going on. It is very much better to have plenty of light in the dark room.—From a lecture by Dr. J. Hollingsworth before the Hull Photographic Society.

A METHOD OF INTENSIFICATION

The following method is one which I have had in use for the last fifteen years, and have found it to be infallible. Two drams of mercuric chloride and two of potassium bromide are dissolved in one pint of water. If shaken up for five minutes, the mercuric salt should have entirely dissolved by the end of that time.

The negative is soaked for a few minutes, and is then bleached by being immersed in enough of the solution to cover it. It is then washed for five minutes, and placed in a ten per cent. solution of sodium sulphite. It must remain in this for some time after the browning effect has gone right through to the back.

If slight intensification only is desired, the negative may be left in the mercury for a short time only. The mercurial solution should not be poured back into the bottle.

F. Radford in Photography.

For Platinotype Rev. C. O. Stewart at the Hull Photographic Society's meeting recommended a developer composed of two ounces of potassium oxalate, half an ounce of potassium phosphate, and fourteen ounces of water. This formed the stock solution, which, for use, was diluted with an equal quantity of water. He claimed that for simplicity, permanence, variety of tones, and delicacy of gradations the process would hold its own with any, and expressed his surprise that it was not more often worked by amateurs than it is.

SNOW SCENES BY MOONLIGHT

Trees and houses covered with snow, says Mr. J. I. Pigg in "Photographic Scraps," have a far more picturesque appearance by night than by day, owing to the throwing up of the whiteness of the snow in heavy and weird relief by the dark sky, while the deep shadows given by moonlight heighten the effect. It may be said that an under-exposed sunlight picture would give the same impression, but with sunshine the sky appears white on the photograph, and the vivid whiteness of the snow loses much of its force in consequence. It is the black sky which gives the moonlight snow picture its charm.

A heavy fall of snow is often followed by bright starlight nights, and if the moon be shining at the time fine opportunities are afforded for an interesting and unconventional form of photography. Under the conditions mentioned, the photographer will not have to wander far from home in search of a subject; almost every old house, tree, or church will make an effective photograph, and the trouble will be to decide which of the numerous pictures available shall be reproduced.

The camera should be placed so that the moon is not directly behind it, but rather to one side; this position gives deep but not excessive shadows to the picture. The time of exposure will, of course, be somewhat prolonged, even with the modern rapid plates and lenses. It is impossible to give exact figures, but on a bright night with a full moon, an exposure of half an hour with a fairly large stop will be sufficient to produce a good negative.

A TEST FOR HYPO.

To follow the removal of hypo from prints as the washing proceeds, about the best test is made as follows: Boil a pinch of starch in distilled water. Cool, add a drop or two of iodine solution in alcohol to it, when a deep blue color is produced. Add a drop or two of this blue liquid to 10 ozs. or so of the wash water, when, if hypo is present, the blue color will at once vanish.

SPECTACLE LENSES IN THE CAMERA

In photographing distant objects, unless a very long focus lens is used the image is very small. Many workers find that simple spectacle lenses mounted in cardboard tubes give excellent results with such subjects; but as the chemical focus of such a lens does not agree with the visual focus, it is necessary after focusing to readjust the focus, otherwise the image will be blurred. To do this the lens should be racked nearer to the plate by one-fortieth of its focus. A simpler way is to have a cap made with a piece of signal-green glass for the top, and to focus through that. The blue rays will then be brought to a focus on the plate. The cap is removed after focusing. When orthochromatic plates are used, focusing should be done with the yellow screen in position; if it is fairly strong—say, one requiring about three times normal exposure—no adjustment will be required.

HOME-MADE TRAYS

Cut out four pieces of wood and nail together to form the sides of tray of the size required; also cut a piece of wood to form the bottom, which should not yet be nailed on. Melt together in an iron saucepan a mixture of equal parts of gutta-percha, resin, and pitch; allow to solidify, and then break up into small pieces. Heat a short iron rod in the fire till nearly red hot. The wood is coated by holding it in a horizontal position, placing a few bits of the cement in the centre, and melting by means of the hot iron, which also serves to spread it over the sur-

A SPLENDID OPPORTUNITY!

A Druggists' Ad. Book at Half Price

Through a special arrangement with the publishers we are able to offer to our readers the "Druggists' Ad. Book" (published at one Dollar per copy) for

FIFTY CENTS

(POSTPAID)

This is a collection of advertisements designed specially for retail druggists and is a book of 100 pages, containing more than 100 sample advertisements designed by druggists who have proved to be successful advertisers.

While the edition lasts we will sell them for 50c. each.

Any cuts used in illustrating the ads.
can be furnished at lowest figures.

ADDRESS

Canadian Druggist

TORONTO

CANADA



SOVEREIGN LIME JUICE

THIS CANADIAN REFINED LIME JUICE is the equal of any imported, and costs less.

CLEAR, STRONG & BRIGHT

Attractively packaged. It sells rapidly, and pays a good margin to the dealers.

SIMSON BROS. & COMPANY, Limited

Wholesale Druggists

Halifax, N.S.



The MARTIN, BOLE & WYNNE CO.

WHOLESALE DRUGGISTS

and

MANUFACTURING CHEMISTS

WINNIPEG (P.O. Drawer 1464), MANITOBA

We carry one of the largest and best assorted wholesale drug stocks in Canada.

Correspondence solicited with anyone wishing to purchase a new drug stock.

PROPRIETORS OF—

ARECA NUT TOOTH SOAP

The finest preparation for the teeth ever made. The wholesale trade of Montreal and Toronto have been handling **Areca Nut Tooth Soap** for years and the demand in Ontario and Quebec is increasing.

Put up in nice metal case, one-dozen in box.
Retail at 25 cents

Write for quotations.

Meyer Brothers Druggist

Published in the interest of the entire Drug Trade.



**Practical Formulas
Useful Hints
Instructive Articles
Fresh News**

SAMPLE COPY FREE.

C. F. G. Meyer,
Publisher.

Dr. H. M. Whelpley, Ph.S.,
Editor.



**222 South Broadway, St. Louis, Mo.,
U.S.A.**



Soda Stools, Chairs and Tables

From Maker to User

**Attractive, Artistic,
Cleanly, Indestructible.**

For all users of Soda Fountains.

THE A. H. ANDREWS CO.

174 Wabash Ave., Chicago.

Agents **THE FLETCHER MFG. CO.**

440 Yonge St., Toronto Canada.



Dose Table B.P. 1898

This table, which appeared originally in **THE CANADIAN DRUGGIST**, has been carefully compiled and is now published in sheet form on heavy paper, suitable for tacking up in the laboratory, class-room or study. It has been found very helpful for

Students in Pharmacy and Medicine

and should be in every dispensary as a ready reference. The drugs and preparations of the British Pharmacopoeia 1898 are all classified under the dose designated by the Pharmacopoeia and are so arranged as to be seen at a glance. A copy of the table will be mailed to any address on receipt of **10 Cents**.

CANADIAN DRUGGIST, Toronto, Ont.

Pharmaceutical Journal

LONDON, ENGLAND

ESTABLISHED 1841

Published Weekly; Price Eight Cents; ANNUAL SUBSCRIPTION, including Postage, \$4.90.

THE PHARMACEUTICAL JOURNAL has been recognized throughout English-speaking countries for more than half a century as the leading Journal devoted to Pharmacy. Each number contains London and Provincial Market Reports, giving the latest and most accurate prices of Drugs, Chemicals, Seeds and Oils, in addition to other matters of interest to the trade.

On account of its extensive circulation amongst Wholesale and Retail Chemists and Druggists, and the estimation in which it is held by readers, the JOURNAL is unexcelled as a medium for the insertion of all Advertisements to the trade at home and abroad.

Subscriptions are payable in advance, and should be addressed to

THE PUBLISHERS, 5 SERLE ST., LINCOLN'S INN, LONDON, ENGLAND

Postal Orders should be made payable at Lincoln's Inn, W.C., to Street Brothers. Cheques should be crossed "London Joint-Stock Bank."

SUN FIRE

OF LONDON, ENGLAND

The Oldest Purely Fire Office in the World.

Established A.D. 1710.

H. M. BLACKBURN, Canadian Manager, Toronto, Ont.

face and fill up the corners. The bottom, having been coated, should now be nailed on, the joins being coated in the same manner as the sides. Give the outside a coat of varnish or Brunswick black. Trays made as above are acid-proof, light, and practically unbreakable, and the employment of the hot iron renders coating a very easy operation.

PATENT MEDICINES IN NEW ZEALAND

The Government of New Zealand, by virtue of the Public Health Act, have issued regulations that after June 30th, 1905, all labels of patent medicines must have the contents with their exact proportions designated on the label. The section of the Act which confers this power reads as follows:

The Governor may from time to time make regulations for any purpose for which in his opinion they are contemplated or required by this part of this Act, including, amongst other things, the purposes following:

1. The inspection and analysis of drugs, chemicals, and patent medicines.
2. Prohibiting the sale and providing for the destruction of such drugs, chemicals, and patent medicines as are adulterated.
3. Requiring the ingredients of patent medicines to be disclosed at or prior to the sale thereof.
4. Imposing penalties not exceeding fifty pounds for any breach of the regulations.

The regulations published in the "Government Gazette," which have been approved and signed by the Minister of Public Health, decrees:

1. All patent medicines imported into or sold or offered for sale in the Colony shall be required to have the contents, with their exact proportions, legibly set out in English upon a label affixed on the bottle, box, or container. In addition to such information, where such medicines contain one or more of the poisons scheduled under the Sale of Poisons Act, 1871, and its amendments, the words "This contains poison" must be marked in clear medium-sized block type upon the label.

2. For the purposes of these regulations the term "patent medicines" includes, inter alia:

Then follows a long list of "patents," amongst which are a number of Canadian origin, such as Williams' Pink Pills, Doan's Backache Pills, Perry Davis' Pain Killer, Morse's Indian Root Pills, etc.

Since writing the above, we learn that as a result of the visit of a deputation of chemists and patent medicine manufacturers on the Minister of Health, the Government will amend the regulations, so that instead of making the formulae public property by having it on the label, it will only be necessary to submit them to the medical experts of the Health Department who will, if they approve, authorize the sale of the medicine. In the case of the medicine containing poison, however, it will be necessary to state it on the label.

Drug Report

Business during the past month has been a little on the quiet side.

Camphor has advanced slightly since our last issue. No doubt the present high price will be maintained for some time, and it may go a little higher.

Gum Shellac is tending lower at the moment.

Syrup Ferri Iodide is higher in sympathy with the advance in Iodine.

Tannic Acid—an unconfirmed report has just reached us that this article has advanced 10c. lb., if not more. This is not unlooked for as Galls have been gradually creeping up in price.

Cocaine has advanced.

Opium shows signs of awakening from its sleeping condition as regards price and has advanced during the past week. Price of Morphia, of course, will be influenced by this.

CHANGES IN PRICES.

A.—Advanced. D.—Declined.

A. Bismuth Subnitrate	lb. \$3.60
A. Cinchonine Pure Crystals	oz. .40
A. Castor Oil, English 1sts.....	lb. .12½
A. Castor Oil, English 2nds	lb. .12
A. Castor Oil, Pharmaceutical	lb. .13½
A. Castor Oil, French	lb. .15½
D. Copper Sulphate, Com'l	lb. .8
A. Epicarin, Veterinary	oz. 1.00
A. Epicarin, Pure	oz. 1.10
D. Gum Shellac, Orange	lb. .60
D. Oil Cloves	oz. .15
A. Santonine	oz. .80
A. Validol, 25 grammes	each 1.50

NEW GOODS

Carbon Tetrachloride	oz. .05c.
Sodium Fluoride	oz. .25c.

Philately

STAMPS YOU DO NOT MEET

There are very few stamps in stampdom which are without kith or kin, are all alone and, few as they are, they are usually rather "good stamps," whether gotten used or unused. One of the best of these is the 10c. stamp, rose color, issued by the Royal Steam Packet Co., in the West Indian Islands. This stamp seems to be very much alone, as there are no varieties, shades, etc., that I know of. It is perforated 12½ and the "Standard" catalogues it \$300, used or unused. There is another solitary stamp from the West Indies, that of the Hamburg American Mail Co. This line issued one year later than the Royal Mail Co., in 1876, a stamp whose face value was also 10c., and it is lithographed blue and red on white.

FOR SALE—SODA FOUNTAIN

American Soda Fountain Company's Manufacture—Wall—Onyx with Carbonator; only in use four months last year. Will sell cheap and on easy terms. Photograph on application. HARRY SOUTHCOTT, St. Catharines, Ont.

wove paper and perforated 12½. It was used between St. Thomas and Venezuela, Porto Rico, Curacao, Domingo, Hayti and Maracaibo "on steamers in the West Indian Intercolonial service" in the seventies till The Universal Postal Union covered the territory for both the "Royal" and "Hamburg American" Mail Co's. From the southern end of South America comes the next example of a solitary stamp. The Terra del Fuego stamp is said to have been used without postmaster or postoffice either. In color it is carmine and being a miner's stamp, having for design a star in the upper left-hand corner, a pick and sledge crossed in the centre and the reverse side of a letter in the lower right-hand corner. Another solitary stamp is the 2p blue Lady McCleod S. N. Co. stamp, issued in 1847. It is unperforated and it is a very rare stamp, being catalogued at \$7,500 used. The design gives no clue to the value, as it is just a ship sailing, with L. McL. beneath. It was issued in the first years of the use of adhesives and it certainly would be a welcome addition to any collection. It has been used by the company who issued it in Trinidad and was about the first stamp issued there. Another solitary stamp was an Antigua, 1887, used in St. Christopher, a 1p rose red and catalogued at \$500 used. It may be distinguished by the post-mark "A 12."

STAMPS—The Finest Stock at Lowest Prices.

Largest Importers British Colonials in U.S.

4 St. Vincent 10c.; 6 Hawaii 15c.; 5 Martinique 8c.; 25 British West Indies, China, Corea, Siam, etc. 35c.; 8 Uruguay 10c.; 3 Congo 10c.; 25 British West Indies 25c.; 4 Corea 8c.; 6 Newfoundland 10c. Cloth bound stamp album for 600 stamps 8c. Our "Zoological" packet, 25 unused stamps, containing pictures of 22 different animals and birds, only 60c. Write to-day for copy of our catalogue.

We buy collections and solicit correspondence. Correspondents wanted in every country in the world; write for special foreign booklet. List of prices paid for all used Canada Stamps sent for stamp THE COLONIAL CO., 2435 Michigan Ave., Chicago, Ill. Dealers, Importers and Exporters of Postage Stamps exclusively.

Universal Standard Stamp Catalogue, Fifth edition

for 1905 now ready, 422 pages, 2900 illustrations, postage paid to any address in Canada or U.S. on receipt of 40c. in unused current postage stamps.

The STANDARD ALBUM for stamps of the British Empire is now ready, fully illustrated on a new plan, full particulars, prices and specimen page sent free on request.

WHITFIELD KING & CO., Ipswich, England

CANADA STAMPS

In great variety—a Specialty.
—Send list of Wants.—

1000 entirely different Foreign Stamps, fine collection only \$3.00 post free.

"Junior Outfit" illustrated album, 200 different stamp and stamp mounts, only 35c. post free.

50 South American, different	25c.
50 British Colonies, "	30c.
24 Japanese in book, "	25c.
50 African, different	75c.
500 Foreign	\$1.25

WM. R. ADAMS, 401 Yonge St., Toronto, Can.
Established 1897.

Want to Buy

Old Canadian and U.S. stamps in any quantity. Want Jubilees. Also any 6, 8, 10. Also dollar value of U.S. Send with price for prompt cash.

KING, SON & CO.

141 East 19th St. New York City

\$1	\$2	\$3	\$4	\$5
CANADA JUBILEE				

For \$5.50, Post Free and Registered.

Only a few sets on hand, so order to-day, at this exceptional bargain.

1000 Imported Hinges, 15c; Scott's 1905 Catalog 58c; Watermark Detector, 60c; Stamp Tongs, 30c. Our large list is free. Write us to-day.

TIFFIN STAMP CO.

160 P. Street, Tiffin, Ohio

WANTED

First or second-year man. Best dispensing and general experience assured. Good wages to bright, reliable man. Apply with references to

ALLEN, the Druggist, Ottawa.

For Sale

Proprietary medicine business. Thoroughly established on cash basis. Expenses small—big profits. An exceptional chance. Sold at sacrifice on account of owner's poor health.

Address 207 George St., Toronto.

Italy's offices in Crete and Tripoli have so far solitary stamps, being surcharged for Crete Laccanea 1 piastre and for Tripoli Bengasi 1 piastre on 25c., blue in 1901, and being perforated the same as 1901 issue of Italy. These stamps are not very high priced, but with the foregoing and the following it would make a very good collection of "hermits," if I may speak so. They are catalogued at 8c unused and are Nos. 701 and 751 in the Standard catalogues. Another rare and solitary stamp was the Porto Rico 5c black, issued for Coamo, of which there are ten varieties, No. 200 in catalogue. Issued in 1898 it has become rather rare, being worth \$25 used or unused. The design of this stamp is very simple, being imperforate with "Corros" at the top, 5 cents in the middle and Coamo at the bottom. One more "hermit" and it will finish us for the present. This last is a Swiss for Bale Canton, issued in 1845. It is imperforate and is a "good" stamp, being catalogued at \$50 unused and \$30 used. The color of this stamp is black, crimson and blue, and the face value is 2½ rappen. Now I am through and I might as well say that anyone possessing a really good collection of hermit stamps may consider himself very lucky, as nearly all stamps that are "solitaires" are rather high-priced, excepting Italy's offices in Crete and Tripoli.—"West."

PATENTS

promptly obtained OR NO FEE. Trade-Marks, Caveats, Copyrights and Labels registered. TWENTY YEARS' PRACTICE. Highest references. Send model, sketch or photo, for free report on patentability. All business confidential. HAND-BOOK FREE. Explains everything. Tells how to obtain and sell patents, what inventions will pay, how to get a partner, explains best mechanical movements, and contains 300 other subjects of importance to inventors. Address,

H. B. WILLSON & CO. Patent Attorneys
Box 26 Willson Bldg. WASHINGTON, D. C.

50 YEARS' EXPERIENCE

PATENTS

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DESIGNS
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Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communication strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

Scientific American.

A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsmen.
MUNN & Co. 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

The Canadian Druggist

VOL. XVII.

TORONTO, MARCH, 1905

No. 3

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

TORONTO, ONT.

Telephone, Main 3203

Cable Address : SAYD, TORONTO

PHOTOGRAPHIC SUPPLIES

With the approach of spring and its opportunities for business it will be well at this time for those druggists who deal in photographic supplies to look through their stock and see that provision is made for a full supply for the needs of the amateur as well as the professional photographer.

Not only should there be nothing lacking in the way of photographic chemicals, but a careful study of everything that is new and up-to-date, in the way of cameras and their accessories, together with new formulae for every branch of the art, should be made with a view to have what is best, newest and most saleable when the season arrives that the demand is made for these goods.

Every dealer should take at least one good photographic journal in order to keep thoroughly posted in everything relating to the art. Amongst those which will be found of service we might mention "Photography" (20 Tudor St., London E.C., England), "The Camera" (Philadelphia) and "The Photo American" (Stamford, Conn.).

To those druggists who have not yet added photographic supplies to their store, we would recommend to carefully consider the matter, as to whether the class of customers which they have the means of furthering the sale of this line and the locality of their place of business will not warrant them in adding, it may be only in a

small way, yet as a beginning, a trial order of such goods as may seem suitable for the trade to which they can command. Once the ground is broken and even a small business established, it will be found not at all difficult to extend this branch of business, which will prove not only of interest to the dealer, but also a good source of profit, not only in these lines, but from other goods sold to the customer who is attracted to the store by the sale of photographic goods, and who might not otherwise be a patron.

Our photographic department, which is a part of every issue of this journal, has proved a most attractive feature to a large portion of our readers, as is evidenced by the letters received from all portions of Canada, thus showing the interest taken in the art by druggists themselves, as a pastime as well as developing a source of profit.

A DESIRABLE FEATURE

To cultivate the most friendly relations with the physicians in your town or city is not only desirable for the purpose of securing their goodwill and if possible their prescriptions, but it is equally desirable for the supply of the numerous articles which are required in the sick room and which are invariably subject to the dictation of the physician and the nurse (if one of the latter is in attendance) and whose advice as to the article and as to where it is to be procured, is almost certain to be followed out to the letter.

The druggist who is alive to the opportunity, should therefore bring constantly before the notice of physicians, as well as that of his immediate customers, the ability to supply all the requirements for the sick or convalescing, not only in the way of medicine, but also in the line of dietetic articles, such as arrowroot, sago, cornstarch, gelatine, prepared foods and many other goods of a similar nature, instead of having to procure these from the grocer, whose stock is neither apt to be fresh nor even complete in these lines.

Druggists are too apt to slight certain lines which are not only most appropriate and in perfect keeping with a druggist's stock-in-trade, but which will also bring in a desirable family trade for goods of the dietetic class, as well as those of a culinary nature.

ONTARIO COLLEGE OF PHARMACY

COUNCIL ELECTIONS

The biennial election for members of the Council of the Ontario College of Pharmacy will be held on the first Wednesday in July (July 5th). Nominations, which will be received by the Registrar any time after May 1st., will close June 1st.

We understand that several members of the present Council contemplate retiring this year, but no definite announcements have yet been made. We hope that greater interest will be taken this year in the matter of selection of Councillors than has been in the case in the past two elections. Not that we are finding fault with the actions of the present Council either collectively or as individual members, but we certainly think the druggists of this Province show but little interest in the valuable property which they own and which from a business standpoint has proved such a profitable development, and also in the development of pharmacy educationally, and the proper safeguarding of its rights.

It is the duty, as well as the privilege, of every registered druggist in the Province to be an active member of the College, if in no other way than in the selection of candidates for the Council who are the custodians of the financial and educational interests of Pharmacy in Ontario.

FOSTERING A LEGITIMATE BUSINESS

"How can we legitimately increase our trade without infringing on the rights of our fellow members of the profession?" is the question that every reputable druggist has to solve, not once or twice in his business career, but constantly, because a successful business is only possible through constant effort and energy.

In considering the question we see that it has two sides. In the first place one's business depends on individual effort, and, secondly, it is largely controlled by outside circumstances in connection with the drug trade as a whole.

The power of the individual to draw trade depends considerably on originality, and this, not solely in the arrangement of the store and proper distribution of the stock, for many have this ability of attracting customers inside their stores, but fail to retain them afterwards, because they signally miss in getting their confidence, owing to peculiarity of manner or to their business system.

Confidence can only be retained by honest dealing, a genial manner, and an obliging disposition, even if it gives us trouble. We can increase our list of patrons by acts of courtesy, by putting ourselves out to do acts of kindness, such as looking after parcels for those who have further shopping to do, by putting a number of parcels

bought elsewhere into one large parcel with those just purchased from us, by allowing our store to be used as a place of refuge in stormy weather, and, as has been done in some instances, turning a portion of the store into a waiting room for passengers awaiting street cars at junctions. This latter gives us a good opportunity to display tasty goods before the view of those waiting for a car, and results in profitable sales of these, as well as of the regular lines of goods carried in the store. We meet with a great deal of ingratitude in this world, but, nevertheless, there are still a great many people who not only feel grateful in their hearts for kindnesses done them, but who manifest it by making some return in the way of a purchase or two from time to time, or even become regular customers when they happen to reside in the immediate neighborhood.

As to the extent to which our business is effected by outside influences, some of these are more or less beyond our control, but we can do something even here that will benefit ourselves and others in the profession. The first essential is that there be unanimity among the trade as regards matters affecting the retail drug trade in general. The best means to this end is that all should join the association devoted to their interests, and make it a truly representative and live association. A strong body like this, composed of an overwhelming majority of druggists, should be able to do away with the disastrous practice of price-cutting, by compelling the wholesalers and proprietary medicine manufacturers to refuse supplies to all who sold below the regular price and to those in other lines of business who handled proprietaries as a side line and sold them cheap in order to draw customers to their stores for other goods, on which they made a full profit. If some druggists could get over that senseless feeling of rivalry which leads them to consider all their competitors in the trade as animated by the one desire to "do" all others out of their business at all costs, and would cease to listen to idle tales told by customers, there would be a better feeling all round, ensuring a greater respect for each other, and, consequently, greater unanimity in striving for the interests of the trade at large that could not fail to be beneficial to all concerned.

BOTH GRAND PRIZE AND GOLD MEDAL

E. Merck, Darmstadt, Germany, has been awarded the "Grand Prix" as well as gold medal for his exhibits at the St. Louis Exhibition, 1904.

Kephalopin, an oily extract, is said to be prepared by cold process from fresh nerve tissue of the brain. It is employed in nervous disorders.

Howards & Sons

LIMITED

Stratford, (Established 1797) London

and their Branch House

Hopkin & Williams, Limited

Cross Street, Hatton Garden, LONDON

Have Been Awarded THE

GRAND PRIX

At ST. LOUIS

FOR THEIR EXHIBIT OF FINE PHARMACEUTICAL CHEMICALS

Canadian Agent:

MR. J. M. SCHEAK, 206 Carlaw Buildings, 28-30 Wellington Street West, Toronto.




Chrysophanic Acid,

Gallic Acid, Tannic Acid,

Bismuth Subnitrate, Bromoform,

Hexamethylentetramin (Formin)

Paraldehyde, Paracetphenetidin,

AND ALL OTHER MERCK PRODUCTS

May be obtained through the ordinary Trade Channels.

Canadian Agents—J. JUDD MASON & BRO., Hamilton, Ont.

C. F. BOEHRINGER & SOEHNE

MANNHEIM, WALDHOF

MANUFACTURERS OF

B. & S. BRAND

COCAINE

B. & S. BRAND

Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline, Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin, Gallie Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorein, Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited, Montreal

WALL PAPERS

For panel decorations for walls and ceilings you should have three or four of the most popular colors in our

No. 2639

The border on this advertisement shows the border and corner design.

SAMPLES ON APPLICATION

STAUNTONS LIMITED

TORONTO

Complete "Up-to-Date"

STATIONERY WAREHOUSE

An Immense New Stock on Hand.

PAPER—Every Kind, Size and Weight.

STATIONERY—Envelopes, Ink, Pencils—everything.

OFFICE SUPPLIES—Complete Assortment.

ACCOUNT BOOKS of every description.

Special patterns made to order.

LEATHER GOODS—New Styles and Designs now in process of manufacturing.

Printers' and Bookbinders' Supplies.

Letter Orders Solicited. Prompt Attention.

Come and See New Building.

BROWN BROS., LIMITED

51-53 WELLINGTON ST. W., TORONTO

Improved Cachet Machine

BY CHOAIN

For Use with Automatic Closing Cachets

PRICE COMPLETE, \$9.50

Cachets for use with this machine 85c. per thousand.

This machine possesses 4 points of advantage over some of the older machines in use by Druggists. Full directions with each machine.

1. No water is required. One Cachet telescopes into the other.
2. They require no funnel for filling.
3. They require no Thimble for packing the Powder.
4. They save the operator fully 50 per cent. in time. The machine does all the work.
5. The Special Automatic Closing Cachet supplied for this machine is more attractive in appearance and costs less than any other Cachet on the market.

Sole Distributing Agents for Canada

The J. Stevens & Son Company, Limited
145 Wellington St. W., Toronto



Soda Stools, Chairs and Tables

From Maker to User

Attractive, Artistic,
Cleanly, Indestructible.

For all users of Soda Fountains.

THE A. H. ANDREWS CO.

174 Wabash Ave., Chicago.

Agents: **THE FLETCHER MFG. CO.**
440 Yonge St., Toronto, Canada.



Thomas Glover & Son, Carlton, Nottingham, Eng.

Our firm is the OLDEST, LARGEST, CHEAPEST and BEST. Enjoying reputation of 60 years, for the manufacture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

A CORRECTION

Toronto, Feb. 20th, 1905.

Editor Canadian Druggist:

Dear Sir,—I think your attention should be called to certain grave errors in the article appearing in your February number, page 51, on "The Metric System in Medicine," and corrections made in your subsequent issue, lest some of your subscribers may be badly misled.

In the table of Metric Apothecaries Measure, you have 1 centimil as equal to 1.1689 minim; this should be 0.1689 minim.

The table of Imperial Apothecaries Measure is all wrong, and should read as follows:—

1 Minim.....	5.9192 centimils:
1 Fluid drachm (60 minims).....	3.5515 mls.
1 Fluidounce (8 fl. drachms).....	2.8412 centiliters.
1 Pint (20 fluid ounces).....	0.5682 liters.
1 Gallon (8 pts. or 160 fl. ozs.)....	4.5459 liters.

I am,

Very truly yours,

Chas. F. Heebner.

(We gladly give insertion to the above letter. The mistakes referred to, the result of the transposition of parts of the lines, occurred during the making up of the pages last month, and were unnoticed in the final revision. Ed.)

MONTREAL DRUG CLUB'S DINNER

The annual dinner of the Montreal Drug Club was held at the Oxford Cafe on Wednesday, 22nd February, 1905, President, Mr. J. E. Tremble, in the chair.

The invited guests were: Messrs. H. H. Lyman, T. H. Wardworth, E. Muir, Prof. J. E. Morrison, Prof. Bemrose, Prof. P. Fiske, Prof. Lecours, Mervin Fisher, A. J. Laurence, A. B. J. Moore, and Mr. Jackson, the grand old man of the drug profession in the city of Montreal.

This organization has hardly been a year in existence, and is unique inasmuch as it is the only club of its kind in the Province of Quebec. It was a very pleasant function, and was heartily enjoyed by the large number of guests and members. Every branch of the profession was well represented round the festive board, in fact it was the most representative gathering of the drug trade that has ever been held in this city, and this speaks well for the organizers and the present executive. The music rendered by the orchestra was all that could be desired and the decorations were a credit to the committee, and certainly spoke well for the work done by the boys, who were practically a new committee and whose zealous efforts were crowned with glorious success.

The President, Mr. J. E. Tremble, proposed the toast of the King, which was followed by the rendering of Rule Britannia, by Mr. Sydney Dugan, in an able manner. The President's address, though brief, was interesting. He thanked the

members of the Club for turning out in such large numbers, which fact alone was sufficient reward for the services of the Committee on whose shoulders fell the gigantic task of getting up the dinner. He also referred to the Club's rooms at the corner of Mansfield and St. Catherine, and predicted a large increase in the membership of the Club during the year.

Mr. Leo Ryan was next called upon to propose the toast of Our Guests, which he did in a very pleasing manner. The toast was replied to by Prof. J. E. Morrison, who, during the course of his remarks thanked the President and the Committee for their kind invitation, and also signified his intention of joining the Club at a very early date.

Mr. Barré, who spoke in French, made some very happy remarks respecting the guests.

The Secretary read letters of regret from Major H. H. Lyman, who was absent in Toronto, and Mr. Theodore H. Wardleworth, who was absent in Europe, and also from Mr. E. Muir, the registrar of the Montreal College of Pharmacy. A telegram was also received at that moment from Mr. Mervin Fisher, a member of the Club now residing in Denver, Colorado.

A song was next rendered by Mr. Strong, who received a well earned encore.

Mr. Kerry, of Messrs. Kerry, Watson & Co., was next called upon to say a few words, and his speech, though short, was probably the best of the evening. He gave the boys a short sermon on unity, and impressed upon them that in the Club, as in all things, "unity was strength." During the course of his remarks he referred to the telegraph message received from Mr. Mervin Fisher, a former employee of his firm, and when Fisher's name was mentioned, such a shout and cheers arose, that Fisher himself might have heard it in Colorado. Mr. Kerry's eulogy of Mr. Fisher was one that any man might be proud of and he only voiced the sentiments of all the boys, for they often said "we need a Mervin Fisher in the Club to make things hum."

Mr. A. J. Laurence spoke of the obliteration of the race feeling which such an organization would necessitate and which must surely follow the greater co-mingling on a social footing, of the French speaking pharmacist of the east end of Montreal, with the English speaking ones of the western part of the city.

Mr. D. Watson, in the course of his remarks, also signified his intention of joining the Club.

Other speakers were J. A. Dyke, and Mr. Wight.

The next toast proposed was that of the Montreal Drug Club, which fell to the credit of Mr. Henri Lanctot, who spoke in French, and was responded to by Mr. W. P. Wilson, late Secretary of the Club, in English.

He referred in his remarks to the uphill work attendant upon the organizing of the Club, and how the original Executive Committee had worked hard and earnestly to help put the Club on the good footing that it held to-day.

Mr. Dufresne gave a vocal selection, in French, which was splendidly rendered. He was prevailed upon to give as an encore, that stirring French chanson "Oh, Canada, mon pays, mes amours" and all the boys joined lustily in the chorus.

The toast of "Our Commercial Interests" was proposed by Mr. W. H. Chapman, and was responded to in French by Mr. H. Guerin and in English by Mr. M. Albert.

Among those who contributed towards the programme were Messrs. Merrill, Warren, Moore and Mr. Pleo.

And last but not least was the step dance, by Tom Christian, an annual affair looked forward to by the boys.

Special mention is due of the royal donation of 150 handsome pound boxes of their chocolates by Messrs. Lowney & Co., Boston; of the American Tobacco Co.'s gift of Mogul & Sweet Caporal cigarettes to each one present.

The gathering disbanded in the "wee sma' hours o' mornin'," all voting that it was the best dinner that they had ever been at.

Among those present were: Messrs. H. W. Reynolds, Mr. J. E. W. Lecours, Henri Lanctot, A. J. Laurence, J. H. Nault, John Lewis, F. L. Woolley, H. Guerin, W. S. Stone, O. Dowler, Hugh Gourlay, M. Albert, K. Rosenthal, L. Watson, Tom. Christian, J. Weinfield, Allen Camerin, Frank Spearman, Sick Helmer, J. A. Nicolle, H. Fraser, Jas. H. Goulden, W. Goulden, J. E. Morrison, J. A. Dyke, A. Laurie, T. H. Robinson, J. McMichaels, D. Watson, W. S. Kerry, J. J. Swift, W. P. Wilson, Stanley J. Martin, Dudley Bury, George Porter, George Humphrey, Thos. Waite, F. Sanderson, J. Cotterill, A. E. Dugan.

O.C.P. STUDENTS' BANQUET

The graduating class of the Ontario College of Pharmacy held a banquet on Wednesday evening, Feb. 22nd, at McConkey's rooms, Toronto.

Mr. A. Ernie Black was toastmaster and the invited guests were Dean Heebner, Dr. Fotheringham, Prof. George Evans, Prof. Kendall, Dr. Scott and Mr. John Wylie, representing the ex-graduates. After loyally honoring the toast of "The King," the usual toasts were honored, the speakers being Dean Heebner, Dr. Fotheringham and others. The speeches were interspersed with songs by Messrs. Harry Bennett, W. J. A. Carnahan, A. R. Lemon and Leslie H. Brown. The banquet committee were Messrs. A. E. Black, H. A. Spotwood, Leslie H. Brown, M. L. Walker, J. R. Collinson, H. W. Lister and E. Hunter.

THE REGISTRATION FEE

Ontario druggists should bear in mind that if the annual registration fee is sent to the Registrar's office before May 1st a saving is effected. Send two dollars before that date.

BE DECISIVE

If indecision runs in the blood you inherit, arouse yourself and strangle this insidious foe to your achievement before it saps your energy and ruins your life chance. Do not wait until to-morrow, but begin to-day. Compel yourself to develop the opposite quality by the constant practice of firm decision. No matter how simple the thing you are called upon to decide, be it the choice of a hat or the color or style of a garment, do not vacillate. Throw all the light possible on whatever you have in hand for decision, weigh and consider it from every point of view, call your common sense and best judgment to your aid before reaching a conclusion, and then, when you have once made your decision, let it be final. Let there be no going back, no reconsidering and no opening the matter up for further discussion. Be firm and positive. Declare the polls closed.—Ex.

DEGREE CONFERRED

As a recognition of his merits in the field of Materia Medica, the degree of "Medicinae Doctor Honoris Causa" has been conferred upon Dr. Willy Merck, Darmstadt, Germany.

LACK OF FORESIGHT

The tendency to press the sale of the article that returns the greatest profit is natural; almost every merchant is more or less influenced by it. But there really should be no hesitation as to whether or not it is good policy. The man who is trying to build up or maintain a profitable business cannot afford to handicap himself by lack of foresight, and that is just what substitution means.

Scarcely anything annoys an intelligent person more than to be obliged to dicker in order to get the articles wanted. If a lady asks for "Baby's Own Soap," for instance, and is requested to try something else, she is not likely to come back when she wants a prescription filled. She loses faith. The impression is doubly strong whenever she is induced to buy the substitute.

The "smart" clerk is not always smart enough to hold his job.

The lazy man has no place in the business world. In fact, the only place for him is in the prison twine department.

UMNEY'S

TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

SOLUBLE ESSENCE OF LEMON, LEMON CRYSTALS, &c.

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA:

MR. J. M. SCHEAK, 205 Carlaw Buildings, 28 Wellington St. W., TORONTO

MAKE ANY COMPARISON

You please and you will prove conclusively to your own satisfaction

THAT THE ORIGINAL

Lithia Water Tablets

MANUFACTURED BY **WILLIAM R. WARNER & CO.**

Are Unequivocally THE BEST

Best in Therapeutic Value
Best in Demand
Best in Stability
Best in Effervescent Qualities
Best for the Druggist to handle

WM. R. WARNER & CO.
PHILADELPHIA

BRANCHES:
NEW YORK CHICAGO NEW ORLEANS

ALL JOBBERS SUPPLY THEM.

AGAIN IN STOCK.

Lyman's Nail Nippers—combined with Nail Cleaner and File—Nickel Plated—convenient to carry in the pocket—by far the most attractive and best value in the market. One dozen on attractive Display Card. Price.....**\$2.00** dozen.

Lyman's Nail Files—far surpassing in value and quality any File on the market. Put up in assorted sizes—one dozen on attractive Display Card. Price ...**\$1.25** dozen.

NEW GOODS.

Love's Breath Charms—New Breath Perfume—very fine — put up in handsome Box containing 48 five-cent packages. Price**1.00** per box

Cuticline for the hands and bath **85c.** dozen.

Quinn's Ointment..... **\$11.00** dozen.

THE LYMAN BROS & CO., Limited

Wholesale Druggists, TORONTO.

LAWSON & JONES'

4 DEPARTMENTS ARE

DRUG LABELS

PRINTED,
LITHOGRAPHED,
EMBOSSED.

CALENDARS

ART ADVERTISING
GOODS AND
NOVELTIES.

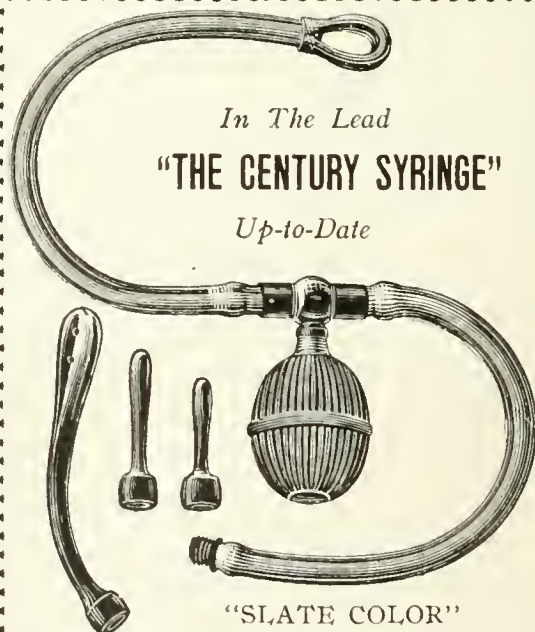
Catalogue and Envelope Manufacturing

COMMERCIAL, in which we Lithograph
LITHOGRAPHING or print the whole
PRINTING AND sheet before
EMBOSSED. making up.

We are the only Lithographing Envelope Manufacturers in the world.

Our samples of 1906 Calendars and Advertising lines are complete.

LAWSON & JONES,
LONDON, CANADA.



In The Lead

"THE CENTURY SYRINGE"

Up-to-Date

"Put
Up
Neat"

"Sells
At
Sight"

"SLATE COLOR"

YOU can Increase your sales. We have increased ours

Notice Construction.—Tubing Non-Collapsible,
Bulb in right position.—It appeals to your customer.

RIGHT ARTICLE! RIGHT QUALITY! RIGHT PRICE!

Can you handle a dozen?

Put up for the Drug Trade by

Chandler & Fisher, Limited, Winnipeg, Canada

Importers of Druggist's Rubber Specialties,
We handle full line of Rubber Syringes.

Trade Notes

D. C. Walterhouse succeeds J. H. Colling, druggist, Toronto, Ontario.

R. M. Mitchell, druggist, Weyburn, Assiniboia, N.W.T., has sold out.

J. G. Sutherland & Co., druggists, Sidney, Manitoba, have sold out.

The Pharmacie Puisonnault, druggists, Montreal, Quebec, has dissolved.

J. H. Morrow, druggist, Elora, Ontario, is advertising his business for sale.

H. K. Wampole & Co., wholesale druggists, are closing up their Winnipeg branch.

The assets of E. Senecal & Co., druggists, Montreal, Quebec, have been sold.

The assets of A. Fournier, druggist, St. Anne de Beaupre, Quebec, have been sold.

J. A. Battram has purchased the drug business of J. W. Wickware, Birtle, Manitoba.

Hill & Amos are opening a drug store at Lloydminster, Saskatchewan, N.W.T.

William Kennedy has opened a new drug store at Summerside, Prince Edward Island.

The Clark Chemical Co., Fort William, Ontario, is being continued by M. J. Neville.

2 Louis F. Best has purchased the drug business of the H. B. Taylor Drug Co., Kingston, Ont.

The sheriff is in possession of the stock of R. D. Wilson, druggist, Port Elgin, New Brunswick.

Dissolution of partnership in the Victoria Pharmacy, Sydney, Cape Breton, has been registered.

Fire caused a small loss in the drug store of P. Charais, 1437 St. Denis St., Montreal, on Feb. 21st.

James A. Scott of Tavistock has purchased the drug business of J. L. Luckham, Glencoe, Ontario.

Cummings & Hartley have purchased the drug business of W. J. Robertson & Co., Manitou, Manitoba.

Dr. P. Quesnel & Hercule St. Cyr, have registered as La Pharmacie de Grand Mere, Grand Mere, Quebec.

The drug store of Leroy Miller, Florence, Ontario, was destroyed by fire, Feb. 18th, stock partially saved.

The McDiarmid Drug Co., Ltd., St. John, New Brunswick, have applied for letters patent, decreasing capital to \$30,000.

The Canadian American Pharmacy succeeds Palardy's Pharmacy, 510 St. James St., Montreal, Quebec. J. O. Charlebois, Ph. G., is manager.

J. E. Adams has been admitted into T. W. Chamberlain & Co., wholesale patent medicine manufacturers, Prescott, Ont. The firm title now is The T. W. Chamberlain Co.

W. C. Barrie, Phm. B., who was previously with the Canada Drug & Book Store, Regina, Assiniboia, N.W.T., has started in business for himself at Davidson, Assiniboia.

J. Duncan MacNeil has purchased the drug business of the Sydney Mines drug store at Sydney Mines, Cape Breton, N.S. An error was made in a previous issue, naming J. J. Turnbull as purchaser.

The firm of F. E. Gauvreau et Frère, druggists, Quebec City, Quebec, has been dissolved owing to the death of Fortunat Gauvreau. The business is being continued by the surviving partner under the same firm name.

GRANTED A GOLD MEDAL

At the recent meeting of the Council of the O. C. P., Dean C. F. Heebner, on behalf of the Faculty, sent in an application asking permission to grant Mr. P. A. Kennedy, of Ottawa, a chemistry gold medal, to which they readily consented.

Mr. Kennedy was tied on that subject by Mr. J. W. Smith, of Almonte, and as Mr. Kennedy took a higher standing on all other subjects, the Faculty thought he should be entitled to some recognition of his standing.

OPTICAL COURSE AT ST. JOHN, N.B.

Dr. W. E. Hamill, Principal of the Canadian College of Optics, has, in response to requests from several residents of Nova Scotia and New Brunswick, decided to hold a class in optics at St. John's, N.B., commencing Monday afternoon, March 27th.

This course of lectures will be exactly the same as he has delivered in the College for the past ten years, embracing everything necessary to thoroughly understand the science of fitting spectacles. Furthermore, the same diploma will be given to the students of the St. John's class as is given at the College and the tuition fee will be the same. Here is an unusual opportunity for the residents of the Maritime Provinces to secure a course of lectures at their own doors from a teacher of recognized ability. For further particulars, and to secure a seat apply to the Imperial Optical Company, St. John's, N.B., or to W. E. Hamill, M.D., Oculist, Janes Building, Toronto.

Convulsin is said to be a fluid extract of eucalyptus leaves with syrup of vanilla and other corrigents. It is employed as a remedy in whooping cough.

PURE PARIS GREEN

Have our readers recognized that by the calendar spring is already here, and that it will not be so very long before there will be a demand for Paris Green, wherewith to fight the foe of the potato crop, the insidious potato bug. It is none too early yet to lay out one's plans for the season and send in orders for the only remedy that will destroy the wily bug. By patronizing the Canada Paint Company, you will not only aid home industries, but will also secure a pure Paris Green that is surpassed by none.

MATTINSON'S THROAT PASTILLES

Mattinson's throat pastilles, which proved to be a great success last season, having large sales and giving such universal satisfaction, are again brought to the notice of the trade. These pastilles are put up in handsome lithographed tin boxes, very convenient to carry.

A PURE TERPENELESS LEMON OIL

We have received from the manufacturers, Messrs. Wright, Layman & Umney, Ltd., London, Eng., a sample of Terpeneless Lemon Oil which they claim to be the finest product of its kind on the market, and the sample received is certainly one of the finest, and the most delightful flavor of any we have seen. It is guaranteed as absolutely Terpeneless, and the flavoring qualities are so strong that "a single drop will impart sufficient flavor for 20 iced soda drinks"—the oil being of the very highest concentration. Mr. J. M. Scheak, 205 Carlaw Building, Toronto, is agent for Canada.

NOVEL ADVERTISING METHOD

A rather unique way of advertising lines of their own manufacture has been started by Buntin, Gillies & Co., Limited, Hamilton, who are sending out, freight prepaid, a sample order of stationery, comprising 24 designs in tablets, assorted octavo and quarto sizes, 14 designs and colors in papeteries, all in the colonial size, and 3 lines of their fine note papers with envelopes to match. The order when complete is valued at \$15 and contains the largest assortment possible with the smallest quantity of each, so that stationers may have an excellent chance of judging these lines without overstocking. Buntin, Gillies & Co. also assume all liability in the matter. If the goods do not give entire satisfaction or a customer does not think the values as good as can be had anywhere he may ship them back.

EYE-FIX REDUCED IN PRICE,

Commencing on March 1st of this year the manufacturers of Eye-Fix have voluntarily reduced the price of this well-known remedy from \$4.00 a dozen to \$3.60, with discounts for cash.

This reduction has become feasible on account of the large increase of sales, which are double those of a year ago. As the retail price is 50c. a package it will be seen that the druggist who handles Eye-Fix will have 66 2-3 per cent. profit on his sales. Every package contains a tube of salve as well as a bottle of liquid. All communications promptly answered by the Eye-Fix Remedy Co., Detroit, Mich.

SANITARY SODA FOUNTAINS AND FRUIT JUICES

The attention of our readers was very naturally attracted by the advertisement of Mr. J. J. McLaughlin, Toronto, in our February issue and the cut of the handsome "Sanitary" Soda Fountain, "The Mooresque," that appeared in connection therewith. This fountain is one of seven entirely new designs built for this season's trade, the full list of fountains manufactured by this firm being twenty in all. Every fountain is "Sanitary," no tin or other metal cans being used, and most of them contain the popular "Syrups in Sight" apparatus with refrigerator bases. In addition to fountains, Mr. McLaughlin manufactures the "Real Fruit" Juices and Fountain Fruits, all of which are in large demand all over Canada. Drop him a card for his new illustrated catalogue for 1905, mentioning The Canadian Druggist.

ROYAL COURT HAIR DYE

An excellent hair dye is the Royal Court Hair Dye, one solution, manufactured by Marion, James & Ker, Limited, London, Eng., and advertised in our columns. It is made in five shades and gives good satisfaction to the user. As will be noticed, agents are wanted, and it would be well for some of our readers who can act as such, to write to them for terms, etc.

TRUE FRUIT SYRUPS

One of the best trade pullers for the druggist who has a soda fountain is a supply of good fruit syrups. The "True Fruit" Syrups, manufactured by the J. Hungerford Smith Co., Toronto, fill the bill in this respect. They are made by a special cold process, which secures quality and flavor, one gallon of concentrated syrup making 4 to 6 gallons of richly flavored syrup for the fountain. It is put up in imperial gallon stone jugs, for which no extra charge is made. Chocolate is also put up in wine $\frac{1}{2}$ gallon jars, ready money. The "True Fruit" crushed fruits are for instant use, thus saving time, heat, and labor and are packed in special wine $\frac{1}{2}$ gallon glass jars. Special discounts on quantities. Samples on application. Advertising matter of a most attractive kind furnished with orders.

MATTINSON'S Throat Pastilles

For Coughs, Colds and All
Affections of the Throat

**SPECIALLY RECOMMENDED FOR
Public Speakers and Vocalists**

FORMULA

Linseed, Licorice, Eucalyptus,
Menthol and Capsicum

The Kind That Sells

GIVES SATISFACTION EVERY TIME

"Once Tried You Will Sell No Other."

Put up in One Dozen Display Boxes for the Counter
RETAILS 25c. PER BOX

SOLE AGENTS FOR CANADA

The LONDON DRUG CO.

London - Ontario

Telegrams: Tyrer, Stratford, London. A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, Limited

Manufacturing Chemists

STRATFORD LONDON
ENGLAND

GOLD MEDAL

ST. LOUIS, 1904

Bismuths

Mercurials

"STERLING BRAND"
PURE

Ethers

Hypophosphites

ACID PHOSPHORIC

(Made from Phosphorus)

All Strengths

And all kinds of Pure and

GUARANTEED FREE ARSENIC

Technical
Chemicals

Enquiries solicited from **INVENTORS, PATENTEES, etc.**

THE MERCANTILE AGENCY

R. G. Dun & Co.

ESTABLISHED 1841

Head Office, New York, and 180 Branch Offices in the Principal
Cities of the United States, Canada, Europe
and Australia

CANADIAN OFFICES AT

TORONTO	ST. JOHN	VANCOUVER	HALIFAX
QUEBEC	MONTREAL	HAMILTON	
	WINNIPEG	OTTAWA	LONDON

W. C. Matthews, General Manager, Canada

Elliot's Soluble Creosote

Soluble Creosote stands in the front rank of disinfectants. Its usefulness is well-nigh universal as a disinfectant, germicide and purifier.

For dipping sheep one gallon is used in 80 gallons water (in which it is perfectly soluble), so that it will be seen that one gallon sold for \$1.50 (yielding 150 per cent. profit), produces Dipping Fluid at the rate of 75 cents per barrel of 40 gallons—less than 2 cents per gallon. Disinfectant of the strength of 1 per cent. would in the same way cost the user 1½ cents per gallon.

Sold in 10 oz. bottles at \$1.80 doz.; 24 oz. bottles at \$3.60 doz., and in bulk at low rates.

IT WILL PAY—PUSH IT

Circulars supplied.

Cream Tartar

(E. & Co., 98%)

Potass. Cyanide

(98/99%)

Atkinson's Tooth Paste

Hedley's Ethyl Chlor.

50 gr. (Anto.)

Wilson's Invalid Port

Triangle Food

Formaldehyde

Zodenta Tooth Paste

Potass. Bromide, etc.

E. & Co. Absorb. Cotton

(All Sizes)

Bioplasm

Sal-Lithin

Herpicide

Eyerine

Eye-Fix

Security Soothers

Moth Balls

Moth Bags

Massage Creams

Massage Cups

Po Sabadilla

Eureka Caustic

Balsam

E. & Co. Velvet Talcum, 10 Cents—Highly Perfumed

Tobler's Milk Chocolate

Elliot's Carbolated Non-Poisonous

Sheep Dip (Solid)

It's merit is the sole cause of its large sale—it is perfectly efficient, safe, economical and clean.

One pound dips 20 sheep. No leaky tins—it is solid. 1-lb. tins \$2.00 doz., 5-lb. tins \$7.50 doz.

Spring Goods

We invite your advance orders for Insect Powders (E. & Co.), Hellebore, Moth Balls, Moth Bags, Paris Green, Bluestone, Fly Pads, Tanglefoot, etc., etc.

Yours faithfully,

The ELLIOT & CO., Limited

5 Front St. East, Toronto



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

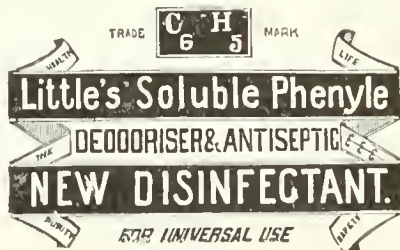
"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.
Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.
Sole Agent for the Dominion.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Man.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb. pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt "The Ideal Plaster"

Ankers' Bouillon Capsules

Evans' Coughnomores

4 lb. bottles.

Evans' Special Norway Cod Liver Oil

EVANS AND SONS
Limited
MONTREAL NEW YORK TORONTO

15,090 COPIES SOLD

We are informed that during 1904, 15,090 copies of Gould's Medical Dictionaries, published by P. Blakiston's Son & Co., Philadelphia, Pa., were sold, making the total sales to that date, 181,173.

DRUG EXCHANGE

We cannot too often draw the attention of druggists who wish to sell out to the "Short Cut" thereto, afforded by the Canadian Drug Exchange, conducted by Dr. Hamill, Toronto. He has systematized it to perfection.

A SYDNEY MINES DRUG STORE

We are in receipt of the opening announcement of the Sydney Mines, C.B., drug store, which has been taken possession of by Mr. J. Duncan MacNeil, Phm.B., honor graduate of the O.C.P. and also a member of the N. S. Phar. Association. The announcement, which is in the form of a circular letter, is an admirable one, both in point of wording and in neatness and typographical appearance, all of which are strong factors in appealing to intelligent customers.

TO RAPIDLY SOLIDIFY SUPPOSITORIES

Ronjon suggests (Union Pharmac.) a new method for rapidly solidifying cacao butter suppositories. The melted mixture of cacao butter and medicinal substances is poured into paper cones held upright by inserting the points in linseed meal or some similar substance, and surrounded with a layer of cotton. The cotton is then vigorously sprayed with ethyl chlorid, which causes the mixture to rapidly harden.

PERMANGANATE OF POTASH PENCILS

M. Lemaire, in the "Bulletin de la Société de Pharmacie de Bordeaux," suggests the use of sodium phosphate for the preparation of permanganate pencils. The sodium phosphate ($\text{PHO Na H } 12\text{H O}$) is melted in a porcelain capsule, and the prescribed quantity of permanganate added; the liquid is then poured into moulds greased with vaseline. The pencils should be stored in glass tubes hermetically sealed.

DEGREE CONFERRED

The University of Halle, Germany, has conferred upon Dr. Willy Merck, member of the old house of E. Merck, Darmstadt, established in 1668, a very high distinction, namely, the honorary degree of Doctor of Medicine "in recognition of numerous meritorious contributions looking to the advancement of the therapeutic side of medicine."

RECENT PATENTS OF INTEREST TO DRUGGISTS

759,490. Tooth-Brush. John A. Yates, Rockfort, Ind., assignor to the Florence Manufacturing Company, Northampton, Mass., a Corporation of Massachusetts. Filed Dec. 8, 1902.

Claim.—A tooth-brush having a back provided with bristles and also having between the back and handle thereof an interposed piece of flexible resilient material, to relieve the action of the bristles upon the teeth and gums of the user, for the purposes and substantially as described.

759,555. Water-Bottle. Robert W. Sampson, Quebec, Canada. Filed June 19, 1903.

Claim.—A hot-water carrier comprising a textile carrying part of double thickness, a flap at one end of said carrying part, a series of oblong pockets located side by side and extending toward said flap being adapted to be folded over and cover the open ends of said pockets for the purpose of closing such pockets, a series of oblong bottles located in said pockets, and a sheet of insulating material interlaying the double thickness upon the side of said pockets upon which the flap is folded, for the purpose set forth.

772,752. Bottle-Cleaning Device. William W. Spalding, New York, N.Y. Filed July 21, 1904.

A cleaning device comprising a receptacle for containing shot and provided with a flaring mouth and a neck forming an interior valve-seat, a manually-controlled spring-pressed valve within the said receptacle, adapted to be seated on the said seat, and a flexible tube held on the said outlet and projecting beyond the same, to allow of connecting the tube with the neck of the bottle to be cleaned.

Among the registered designs and names are the following:—

42,418. Sleeping-Draft. Margaret A. Quee, Richmond, Va.

The words "Balmy Sleep." Used since 1884.

42,419. Syrup of Guaistol. Davis Pharmaceutical Company, New York, N.Y.

The word "Guaistol" and the letters and abbreviation "D P Co" in monogram form on a black circular field with surrounding concentric circles. Used since January 11, 1904.

42,420. Salves Used Externally. Albert V. Mentz, New York, N.Y.

The hyphenated word "Anti-Flamma." Used since March, 1902.

42,421. Medical Pastes and Salves. Wollwascherei U. Kammerei Dohren Bei Hannover, Dohren, Germany.

The word "Praevalidin." Used since November, 1903.

42,422. Chemical Preparations for Sulphur-Baths. Chemische Fabrik Vechelde A.G., Vechelde, Germany.

The word "Thiopinol." Used since October 1, 1903.

ARTISTIC SHOW WINDOWS

A writer in the Merchants' Record and Show Window says:

The supreme test of merit in a show window is said to be that it will advertise and sell goods. The merchant who insisted on having artistic windows was right. On first thought, selling goods and advertising would appear to be but very distantly related to art; but ocular demonstration proves the contrary.

A window in which proportion, harmony, ornament, color, size, and symmetry have each received proper attention, always proves a winning advertising medium. The secret of its success lies in its artistic make up, which attracts favorable notice.

If the public have conceived a favorable impression of the store by a passing glance in its show window, one mission of the trim has been fulfilled; because, as possible buyers, they have been brought to a condition of mind which must always precede a purchase. Just what this favorable impression, or good will, may be worth to the merchant in a given case is impossible to estimate. We do know, however, that "good-will" is often the most valuable asset in a merchant's business and that thousands of dollars are sometimes spent to obtain it by other means of advertising.

The general public are all possible customers; but only the pleased members thereof are probably customers. It is a great mistake to under-rate the knowledge of the masses in art matters, or to presume on their ignorance. People may not be critics, but they have an innate sense of the esthetic and the 'fitness of things,' which is an unerring guide to their taste and judgment. Numerous illustrations of this truth could be given, but the fact that a window trim constructed on artistic lines will attract favorable attention is sufficient evidence in itself. If it did not, no returns could be expected by reminding of something wanted, creating new wants, or inducing immediate sales.

It is fortunate for those concerned in this instance that there is harmony between the artistic and the practical. The merchant is benefited, the public is pleased, and the decorator is placed on a higher plane where the name by which he is beginning to be known 'commercial artist' is no misnomer.

ABOUT SPONGES

The U.S. Government has been looking into the matter of the reported shortage in sponges through its biologist, Dr. F. H. Moore, and he brings out a number of interesting facts concerning their cultivation and gathering. Dr. Moore has introduced a method of cultivating the rootless sponge, in order to save the damage inflicted

on the sponge by tearing it from its bed. We have our seedless oranges and other seedless vegetables, and there is no reason why we should not have our rootless sponges. The artificially-propagated varieties grow perfectly round or egg-shaped, and their roots are inside, where a suspension wire is made to penetrate. Such a sponge as the sheep-wool variety will last for years with proper care.

Florida is the favorite ground for sponges, and they stretch along the south and west coasts. Their total area is said to cover some 3,000 miles. There is no legislation for their protection, and, like the buffalo, they appear to be in danger of extermination by a ruthless savagery of sponge fishermen. It takes from three to seven years for a sponge to grow to a large size. Experiments have been begun in the transportation of sponges alive, and if it succeeds it is the intention of the sponge growers to transplant the Turkish varieties to Florida.

Great Britain alone buys \$1,000,000 worth of sponges a year. The annual crop of the Florida grounds has yielded less than \$500,000 worth in recent years. Yet Florida has always grown a variety of sponges second to none, excepting only the Turkish species dived for in the Mediterranean.

A FAMOUS PHILADELPHIA DRUGGIST*

In Philadelphia the slogan "Get It at Evans's" is familiar to every man, woman and child, and it is not exaggerating in the least to state that Evans's drug stores are better known than any other drug store in the city.

The reason?

That little word "advertising." Evans advertises more than all the rest of the Philadelphia drug stores combined. He advertises extensively; he advertises regularly; he advertises attractively, and he always has something interesting to offer in his advertising.

Not long ago there appeared in nearly all Philadelphia papers an unusually large Evans advertisement—one measuring about 200 lines across three columns. This was his birthday advertisement, commemorative of his coming of age, for though Evans is by far the best known druggist in Philadelphia, he has only been in business twenty-one years.

This advertisement was replete with interesting reminiscences, and from it we glean some of the following instructive information.

In May, 1883, George B. Evans started in the front part of the first floor of 1104 Chestnut street, with three people—Mr. Evans, a clerk and an errand boy. The stock and capital were ex-

* By John H. Sinberg, in *Printers' Ink*.

Look Up Your Stock

The demand for **SPRING GOODS** will soon be general. All should be prepared for it, so as to lose no sales.

Our travellers are booking contracts for—

Camphor

Moth Balls

Moth Proof Bags

Sulphur

Milky Sheep Dip in Bulk

Sponges

Carbolic Acid

Copperas

Chloride of Lime

Blue Vitriol

Chamois Skins

J. WINER & CO.
LIMITED
Hamilton, Ont.

**HENDERSON
BROS., Ltd.**

**WHOLESALE
DRUGGISTS**

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/, 3/6 and 10/6.

Wholesale, 12/, 21/ and 60 per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG.

AGENTS WANTED.

The Canada Paint Company

take pleasure in stating that with the enlarged facilities afforded by their new color house, they are now manufacturing for the coming season sufficient

Pure Paris Green

to supply the entire wants of the Dominion. Dealers will, therefore, be saved the annoyance of importing, the money will be kept in Canada, and the quality will as usual be pure, uniform, and not excelled by any other. Address,

The Canada Paint Company, Limited, Montreal.

NOTE.—The largest buyer of Paris Green in Canada, says :—
“We are tired of importing. In future we will buy your (the C. P. Co.'s) Paris Green.”

NATIONAL LICORICE COMPANY

SOLE MANUFACTURERS OF THE CELEBRATED

Y. & S., SCUDDER AND M. & R.

— BRANDS —

PURE STICK LICORICE

ACME PELLETS

M. & R. WAFERS
in 5c. Bags

LOZENGES, Etc.



POWD. GREEK
and

SPANISH
EXTRACTS
and

POWD. LICORICE
ROOT

in convenient packages for
the Drug Trade.

Advertising Matter Furnished to Retail Drug Stores for Counter and Window Display

Applicants will Please State Which of the above Brands is Used.

106-116 JOHN STREET - - BROOKLYN, N.Y.

ILLUSTRATED CATALOGUE ON REQUEST

ceedingly small, but Mr. Evans possessed plenty of determination. Here is how he tells it :

"Much of our business is made up of small things, which are sold grudgingly, or not at all, by drug stores and other stores—they are so much trouble to sell and there is so little money in them.

We started in just the other way—selling exactly what people want at low prices, with good manners, promptness, and absolute fairness. The poor man's dime is worth exactly one-tenth of the rich man's dollar. Everybody has a right to his money's worth, the best service and perfect courtesy. He gets them here, and that has built up our business—the largest of its kind in the world.

In '83 we had a little bit of a store. Now we have five stores and a laboratory—forty or fifty times as much. Last year we did about a hundred times as much business as we did in '83.

In '83 there were three of us—firm and all. Now we are about five hundred.

Now we have about 15,000 different drugs; 3,500 patent medicines; 700 soaps; 500 perfumes; 300 housekeepers' helps; 1,000 sickroom helps; 2,000 toilet articles; 1,000 toilet tools; over 5,000 different gifts in stationery, silver, leather, china, bisque, ivory, glass, brass, bronze, pictures, etc.; a few hundred cutlery things; 200 candies; 100 sodas and mineral waters.

We put up more prescriptions each day than most stores do in a month. We don't try to save money on prescriptions. No drug is too good to use and no man is too good to compound it. We have forty prescription clerks, each one competent to run a drug store."

ADJUSTABLE LABEL DRAWER*

M. I. WILBERT

One of the most important pieces of furniture in a pharmacy doing the ordinary drug and prescription business is a commodious and conveniently arranged label drawer or label rack.

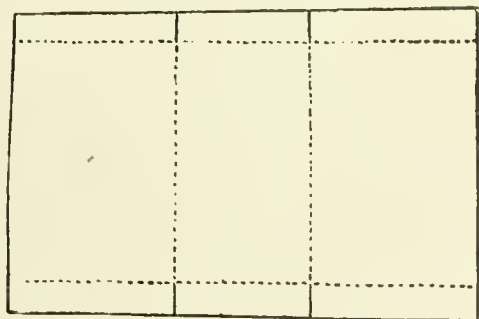


Fig. 1.

The necessary qualifications that suggest themselves are, that the drawer or rack should be large enough to hold all of the labels usually used in the ordinary transactions of the store.

It should be so arranged that any particular label can be readily found and removed, and in addition to this, each section or compartment should be shut off from those adjoining in such a way as to prevent the sliding of the labels from one section to another.

This latter particularly is a point well worth remembering, as it is decidedly annoying to find labels of any one kind promiscuously distributed through half a dozen or more compartments.

Having occasion to use quite a variety of stock labels, and not being able to find a suitable method of storing them, we decided to devise one of our own that would fit in with our requirements. After experimenting with several devices we finally decided on a system of units, consisting of tin boxes with open sides or ends, as being the most efficient as well as the most economical device for our particular purpose. The accompanying diagram illustrates one of these completed units, and also the method of making it.

Fig. 1 represents a sheet of tinned iron, or other suitable sheet metal, which is cut as indicated by the solid lines in the diagram, and then folded or bent at right angles along the dotted lines, over a suitable block or mould, to form the box, as shown in Fig. 2. The size of the original piece of metal, as well as the resulting box, can, of course, be varied to suit the size of the label used. The labels used at the German Hospital, Philadelphia, are 35 by 65 Mm, and our boxes are 40 Mm wide, 75 Mm long, and 50 Mm high. In practice these boxes can be arranged in any desired way, either in the shallow drawers of a thread case, in trays that fit into a large drawer in or near the prescription case, in a partially reclining rack, or in the small tin drawers of a Danner herb case. We, ourselves, use the latter, and have found it to answer our purpose very well. The labels are arranged in groups, and the class of preparations for which each group is intended is indicated on the outside of the drawer or drawers.

One of the evident advantages of this system of storing labels is that the units can be arranged or rearranged in any desirable way with little or no expenditure of time and with absolutely no risk of disarranging or disturbing the labels themselves. If thought desirable the units composing the drawer or rack can be fastened together or locked, either by means of a suitable strip of metal or by the use of a clamp made of spring wire that will securely hold two or more of the boxes together.

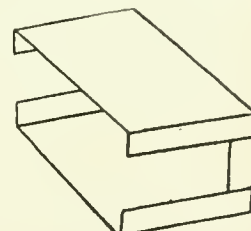


Fig. 2

* Read at the 1904 meeting of the A. Ph. A.

PROFITABLE PREPARATIONS OF PETROLEUM PRODUCTS*

In connection with the pharmacy of petroleum products, it may be briefly stated that there appears to be at the present time a great field awaiting the advent of such a class of pharmaceutical products; but, strange to note, very little seems to have been done in advancing them. The large number of useful purposes which they may be made to serve are features that should largely commend them, especially when it is understood that they have well-known properties possessed by no other substance of a like nature.

They also possess possibilities which are unlimited, virtues that are undeveloped, and properties exceedingly stable. Commercially the supply of such is great, a source that is ceaseless, and a money cost hardly worth the notice, thereby furnishing abundant material for individual pharmacists who are looking for something on which to work out ideas new and profitable.

The manipulation and development of a line of pharmaceuticals made up principally of these products will serve those who possess a little originality in this direction.

The following will give a vague conception as to what can be done with petroleum products either in an uncombined state or in a state of combination with other substances, thus enhancing the value of one, the other or both. Therapeutically, petroleum products possess very little virtue, but as a whole form an invaluable class of useful products pharmaceutically and to which there is attached an excellent source of revenue if properly fostered.

In conjunction with some formulae it will be noticed that they have been accorded a characteristic name, simply to show the manner in which they could be commercially known.

Many of the formulae suggested will no doubt stand a little revising, while others serving as ideas will necessarily have to be entirely altered in a manner in which others may see fit to do. However, in their entirety they are offered solely for what good they perchance may do, and the ideas which they convey to some who on account of the lack of time have not been permitted to follow up the subject practically even thus far.

PETROMUL

Emulsion of petroleum. The only cod liver oil substitute. Bland, stable, nutritive and palatable.

Petroleum liquid amber	4 ounces
Pulv. acacia	4 ounces
Oil of bitter almonds	3 drops
Oil of cloves	3 drops
Glycerine	1 ounce
Calcium hypophosphite	45 grains
Sodium hypophosphite	85 grains

Potassium hypophosphite	85 grains
Acid hypophosphorus, 50 per cent. $\frac{1}{2}$ dram	
Saccharin	5 grains
Water q. s.	16 ounces

Place the petroleum and oils in a dry mortar, add acacia and triturate to homogeneity, then add and triturate thoroughly four ounces of water. In three ounces of warm water dissolve the salts, acid, and mix with the above. Add the glycerine, dissolve saccharin in a little water and add, mix, then water to make one pint.

Indications of its use are in bronchial catarrh, pneumonia, asthmatic coughs, influenza and chronic phthisis. Truly an ideal stimulant, antispasmodic, diaphoretic, antiseptic, demulcent and expectorant. Directions—Tablespoonful before or after meals and on retiring in any form of diluent. Children in proportion according to age.

KEROCLIAN

The universal non-inflammable cleanser. Removes grease spots from delicate fabrics without injury. Cleans all kinds of jewelry and table ware by removing fats and tarnish. Kills moths, insects and household pests by suffocation and extermination. Cleans ironware by removing rust, brassware by removing grease, copperware by removing verdigris. As clear as water and will stand any fire test.

Kerosene	1 ounce
Carbon tetrachlorid (commercial)	3 ounces
Oil of citronells	2 drams

Mix and filter if necessary. If a strong odor of carbon disulfid is detected in the carbon tetrachlorid first shake with powdered charcoal and filter.

IODOTOL

The only form of iodine application, used in all cases where the application of iodine or its compounds is desired locally. Indicated in indolent lesions, abnormal swellings or growths of any kind, heals broken-down tissues, useful for sprains, bruises, corns and bunions. It is non-irritating and does not color like the tincture; can be used safely and far better than the tincture in throat, nose and ear affections.

Paraffin	3 ounces
Iodine ($\frac{1}{2}$ or 4 per cent.)	$\frac{1}{2}$ dram

Warm on a sand bath, adding dry iodine crystals gradually until dissolved, cooling the product rapidly. Stand and decant into bottles. An excellent preparation for applications in diphtheria. The color produced on the skin is easily removed by ammonia water or a solution of hyposulphite of sodium.

QUINATOL

Truly an ideal preparation for the hair. Promotes a soft, fine silky growth of hair. Directions—Take a portion, place it on the palms of both hands by application, then rub it well into the hair and scalp. Apply night and morning.

*Read before the Pennsylvania Pharmaceutical Ass'n by F. E. Niece.



Everything for the Drug Trade

Brace Up

is good advice, but sometimes difficult to follow.

Dr. Hollem's IDEAL Shoulder Brace will do the trick for you. All sizes, \$4.50 per dozen.

Malt Extract

There is a lot of this selling just now. Are you getting your share?

Our "Blue Ribbon" **MALT EXTRACT** is the best, and the one your customer will come back for if once introduced. It **pays the best profit, too**, and it's **profit** you are in business for. Price \$1.75 doz. Brls. of 8 doz. less 10 per cent.

We are Canadian Agents for Swanson's Five Drops, Walnutta Hair Dye, Dr. Miles' Nervine and other remedies, Wonderful Dream Salve, etc., etc.

The **DOMINION DRUG CO.**
LIMITED

HAMILTON, ONT.

Burnett's Breathlets

You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

ROB ROY PENS.

Sold by all Stationers in 18 varieties in



6d., 1s. and gross boxes

HINKS, WELLS & Co. beg to draw attention to this new series of turned up, pointed and other pens, made of the same material, by the same tools, by the same process, and at the same works, as the well known series of Waverley Pens, which Hinks, Wells & Co. have for 30 years and upwards (prior to September, 1901), manufactured for and supplied to the proprietors thereof.

HINKS, WELLS & CO., Birmingham, Eng.



66²/₃ Profit.

We have reduced the price of **Eye-Fix**. Beginning March 1st it will be sold at \$3.60 per dozen, with discounts, instead of \$4.00. The reduction is made voluntarily. The sales of **Eye-Fix** have increased to such an extent that, with the same force of travelling men and the same amount of advertising, we are now doing double the business of a year ago. So we can afford to take a little less for our product. Place **Eye-Fix** in stock and make money. It retails at 50c. per package. Every dealer signs a contract that he will not cut the price, — otherwise he cannot have our goods. **Eye-Fix** is a "repeater": sells on the recommendation of people who have used it. It is truly a great remedy for eye trouble of every nature, and the only **Complete** treatment in the market, as every package contains a tube of salve as well as a bottle of liquid. All jobbers handle **Eye-Fix**. We should be glad to answer any inquiries you might wish to make.

EYE-FIX REMEDY CO.,
Dept. Q. **Detroit, Mich.**

You Can Make More Money
Selling
"JAPANESE"
BRAND
WRITING INKS
AND MUCILAGE

SELL QUICK
SATISFY CUSTOMERS
WE GUARANTEE QUALITY

They're Perfect.

MANUFACTURED BY

THE COLONIAL INK CO.,
LIMITED

PETERBORO' - CANADA.

JUST PUBLISHED.

Price 7/6. net

SQUIRE'S
Pocket Companion

To the British Pharmacopœia

"The author of the new volume must be congratulated on having produced a closer approximation to the ideal medicine book in small compass than has yet existed."

— *Pharmaceutical Journal*, May 21st, 1904.

"In conclusion it is only necessary to state that the 'Pocket Companion' is one of the best and cheapest books of its kind ever offered to medical men and pharmacists."

— *Pharmaceutical Journal*, July 9th, 1904.

"The adaptation of material to the smaller setting has been effected with great discrimination. The author has retained just those features for which the 'COMPANION' was most frequently consulted by medical men."

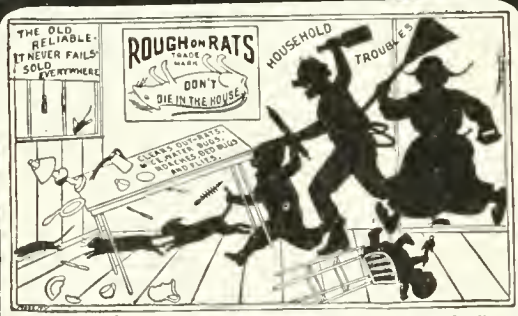
"The author is to be congratulated upon the thoroughly practical value of all that relates to dispensing and prescribing."

— *The Lancet*, August 13th, 1904.

"The prescribing notes have been largely extended, and should prove of great value; they are thoroughly practical, and have the advantage of having been compiled from the results of experiments instead of from 'arm-chair' work."

British Medical Journal, October 1st, 1904.

J. & A. CHURCHILL, 7, Gt. Marlborough Street, London W.
ENGLAND.



THE OLD RELIABLE: IT NEVER FAILS! SOLD EVERYWHERE.

ROUGH ON RATS
TRADE MARK
DON'T DIE IN THE HOUSE

HOUSEHOLD TROUBLE

Though a poison and originally designed for Rats and Mice, experience has demonstrated it the most effective of all exterminators of Roaches, Ants and Bed Bugs. Always does the work and does it right. Fools the rats and mice but never fools nor disappoints the buyer. Knocks a bed bug silly and puts roaches out of business in a jiffy.

15c, \$1.20 doz.; 25c, \$2.00 doz.

Rough on Roaches and Ants
Non-Poisonous—15c, \$1.20 doz.; 25c, \$2.00 doz

Rough on Fleas Powder, 25c, \$2.00 doz
Liquid, 25c, \$2.00 doz

The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

Rough on Bed Bugs Liquid, 15 & 25c
\$1.20 & \$2.00 doz

Rough on Moth and Beetle 2 lb. cans
35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, 3% gross, and over 10 per cent discount and freight paid. For cash with order 2½ per cent. may be deducted.

E. S. WELLS, CHEMIST, JERSEY CITY, N. J.

SPECIAL

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C.CALVERT & CO.

(OF MANCHESTER, ENG)

807 Dorchester St. - MONTREAL

Quinine, alkaloid 2-4 per cent.
(Low percentages give more elegant preparations).
Paraffin oil 1 ounce
Oil of bergamot 10 drops
Alkanet root $\frac{1}{2}$ dram

Digest the alkaloid and root with the paraffin oil for half an hour on a sand bath, strain through cloth, add oil and bottle at once. The results are a red jelly-like product with a pleasant odor.

Note.—The above should be heated until a nice red, clear solution results.

ALKAPETROLOIDS

These are preparations of the various alkaloids in liquid paraffin. They are made in various strengths, the lower ones producing the nicer preparations. They are made according to the above formulae, heating until solution of the alkaloid used has been effected. When properly made they are semi-solid and semi-opaque, have a gelatinous consistency with a white to a pale yellow color; the alkaloid used largely governing the color. The medicament is readily absorbed on applying to the skin and is non-alterable in contact with body juices. Their use is indicated wherever ointments, oleates, cerates, plasters or liniments are desired and are attended with better and quicker results than these.

BENZOINATOL, OR PETROBENZOINATUS

The soothing emollient. An excellent preparation for administering various drugs to the nose, throat, ear, eye and other parts of the body either by spray or swab. A pure, white, bland, stable and neutral preparation with an aromatic odor.

Paraffin liquid 16 ounces
Benzoin, powdered coarsely 1 ounce
Tolu gum $\frac{1}{2}$ ounce

Digest on a sand bath at a high temperature for a half hour, cool and filter. Can also be made advantageously by suspending the gums in a cloth bag in the hot paraffin.

HIRSUTUS PORA WALNUTTA

A hair oil and stain combined. Stimulates the growth of old impoverished hair and imparts that richness of color so characteristic in the young. Harmless but effective. Apply to all parts of the hair and head with a good stiff brush, rubbing in well.

Paraffin liquid 2 ounces
Powdered alum $\frac{1}{2}$ dram
Green walnut shells (dry) $\frac{1}{2}$ ounce
Oil of nutmegs 5 drops

Digest the shells and alum with the paraffin on a sand bath for an hour, filtering, when cool add the oil. Moisten the walnut shells first with alcohol, allow the excess to evaporate, then digest in the paraffin.

BENZOPARAL

A neutral, bland, oily preparation of benzoin, useful for applying various antiseptics by the aid

of an atomizer, nebulizer or vaporizer. Can be used plain or in combination with other easily dissolved medicinals.

Paraffin liquid 16 ounces
Gum benzoin 1 ounce

Digest on a sand bath for a half hour and filter through paper while hot.

BENZOPETROL

An excellent dermatological base for carrying solid medicants to the skin.

Petroleum (yellow or white) 16 ounces
Benzoin $\frac{1}{2}$ ounce
Balsam Peru $\frac{1}{4}$ ounce

Proceed to prepare as above. This being a solid product, many insoluble or solid substances can in this case be easily incorporated.

LINIMENTUM PARACAPSICOL

The most efficient liniment known; purely vegetable. Can be used any place where there are no exposed surfaces.

It is applied locally by rubbing in thoroughly until absorption has taken place. May be applied to bandages. Reduces all kinds of inflammatory processes. A penetrating oily liniment.

Paraffin oil 4 ounces
Capsicum powder $\frac{1}{2}$ ounce

Digest on a sand bath and filter. To this may be added directly the following: Oil of wintergreen or peppermint, phenol, thymol, camphor or eucalyptol, etc., etc.

CAPSICOLATUM

A perfect counter irritant and can be used with absolute safety for any purpose in local applications.

Superior to mustard plasters or poultices. Does not blister the skin. Well adapted for pains in lungs, from cold in chest and sore throat, aches around the region of the heart and stomach and especially useful in all pains of the limbs. Excellent relief is given by its use in frost bites, headache, toothache, earache, sore throat and neuralgia.

Petroleum (yellow) 4 ounces
Capsicum powder 1 ounce

Digest on a sand bath for a few hours, stand, and while hot filter or strain. Pour into jars or tubes while still hot.

IMPROVED CARBON OIL

Superior to the old and more suitable. A desirable preparation for burns, tan, freckle, sunburn, scalds, abrasions, or lung affections. Does not oxidize so quickly nor dry up so rapidly and less liable to rancidity. Keeps better.

Linseed oil 2 ounces
Lime water 2 ounces
Mix.

Paraffin liquid 1 ounce
Shake well before using.

The following also produces an excellent preparation :

Linseed oil	1 ounce
Lime water	1 ounce
Mix, add	
Petroleum liquid amber	1 ounce

Mix. Shake well before using.

Many medicated substances may be incorporated in the above in a liquefied state, thus enhancing its healing virtues.

ANTIPEST

A wholesale destroyer of all kinds of household bugs—moths, bedbugs, roaches, ants, fleas, lice and all forms of insect life. Use by sprinkling on or brushing the parts infested.

Kerosene	2 gallons
Oleate of mercury	2 ounces
Nitrobenzol	2 ounces
Alkanet root	1 ounce

Mix, macerate the root for two days in the mixture and decant.

Keep from flames and children.

LIPOL

For treating sore, rough or inflamed lips. Apply night and morning, rubbing in well with the finger tips.

Camphor	1/2 ounce
Menthol	1/2 ounce
Eucalyptol	1 dram
Petroleum (white)	1 pound
Paraffin	1/2 pound
Alkanet root	1/2 ounce
Oil of bitter almonds	15 drops
Oil of cloves	10 drops
Oil of cassia	5 drops

Digest the root in the melted paraffin and petroleum, strain, add other ingredients, and pour into lip jars while hot.

HUILE DE PONCEAU

The ideal hair dressing. Use by rubbing well into the hair.

Paraffin oil	1 pint
Alkanet root	1 dram
Oil cloves	15 drops
Oil rose	2 drops
Oil bergamot	1 dram

Rub alkanet into coarse powder, moisten with alcohol and digest on sand bath for half hour with root, filter, then add oils when cool.

OLEUM DE FLAVUM

The golden hair oil. Produces soft, smooth, unsnarly hair. A boon to all womankind. Rub well in the hair and scalp.

Paraffin oil	1 pint
Cottonseed oil	1/2 pint
Oil of cloves	15 drops
Oil of cassia	10 drops
Oil of nutmegs	30 drops

Warm on a bath, filter and add oils after cooling.

BRILLIANTOL

A perfect dressing for the moustache, eyebrows and hair. Develops a glossy finish. Rub slightly on hair. A sweet, natural, bland, water-white and harmless preparation.

Paraffin liquid	6 ounces
Glycerine	2 ounces
Mix, and add	
Oil of bitter almonds	8 drops
Oil of rose	1 drop

Shake well before using.

MERCURIAL PETROLATUM

Fifty per cent. mercury.

Mercury	1 fluid dram
Yellow Petrolatum	1 1/2 ounces
Peroxid hydrogen	1 fluid dram

Triturate the mercury and peroxid thoroughly, then add petrolatum, small portions at a time, triturating all the time until globules of mercury are completely extinguished. This makes an admirable means of administering mercury by unction. More preferable to the lard base. An excellent nucleus for all other mercurial ointments.

PETROLATUM SOAP PASTE

A stable soap combining the properties of cleansing and lubrication. This gives, with water, a nice lather, cleanses, whitens and softens the skin, leaving it fair, tender and pliable.

Petrolatum (amber)	1/2 ounce
Powder soap (castile)	2 1/2 drams
Carbonate soda (dry)	40 grains
Stearic acid	80 grains

Dissolve the soda in a little water, add to the acid on a sand bath, heat until reaction is complete, then add soap and lastly the petrolatum, continuing the heat and stirring until no more foam is produced. Cool and put into suitable containers.

A GOOD FURNITURE PASTE

Paraffin solid	3 1/2 ounces
Petrolatum (amber)	1 ounce
Sol. caustic potash (5 per cent)	2 1/2 drams
Kerosene	10 ounces
Alkanet	1 ounce

Heat potash with paraffin and petrolatum, add alkanet root, digest, strain, and stir kerosene in until cool. Bottle in wide mouth bottles or in jars.

PARA DE ROUGE—NATURAL

The only natural tint or bloom of youth. Produces the proper hue. Lasting and without change. Apply to the parts with finger tips, thoroughly rubbing until desired tint is produced. Allow to remain a few minutes, then remove surplus of grease with a soft cloth. Leaves a tint not affected by moisture, water or perspiration.

Paraffin (solid)	1 ounce
Petrolatum (white)	1 1/2 ounces
Eosin dye	1 dram
Oil of bitter almonds	5 drops

Heat the paraffin and petrolatum on a sand bath, digest the eosin stirring for a 1/2 hour, allow to settle, strain; when cool add oil, mix and pour into jars.

John Wyeth & Brother
Incorporated
Manufacturing Chemists,
Philadelphia

Lyman, Sons & Co.,
Canadian Factors,
Montreal, Can.

December 1, 1903

TO THE DRUG TRADE:

We are pleased to announce that in order our many friends among the drug trade throughout Canada may be assured that our products supplied them will be identical with those emanating from our home laboratories, standard in quality, elegant in finish, accurate and permanent in composition, and that all preparations of our manufacture shall as well be promptly obtainable, we have recently had constructed and have now in operation at Montreal, under direct supervision and in charge of expert and competent chemists and pharmacists, who have had thorough and practical training in our home laboratories, a complete and well appointed laboratory, equipped with all the modern and improved appliances for the manufacture of our complete lines of pharmaceutical preparations, and hereafter all preparations emanating from our Canadian laboratories will bear across the label, in red letters, the imprint "LYMAN, SONS & CO., Canadian Factors, Montreal, Canada," and that hereafter and until further notice Messrs. Lyman, Sons & Co., of Montreal, will act as general distributors of the output of our Canadian laboratories, with The Lyman Brothers & Co., Limited, of Toronto, established as our distributing agents for central and western Ontario.

With this complete line of our standard pharmaceutical preparations immediately available, we trust druggists generally will feel encouraged to specify our products when placing their orders with their regular wholesale house.

Appreciating the favor and confidence we have enjoyed for so many years at your hands, and assuring you it shall be our endeavor to deserve your highest favor and confidence for the future,

We are,

Yours very truly,

John Wyeth & Brother
Incorporated

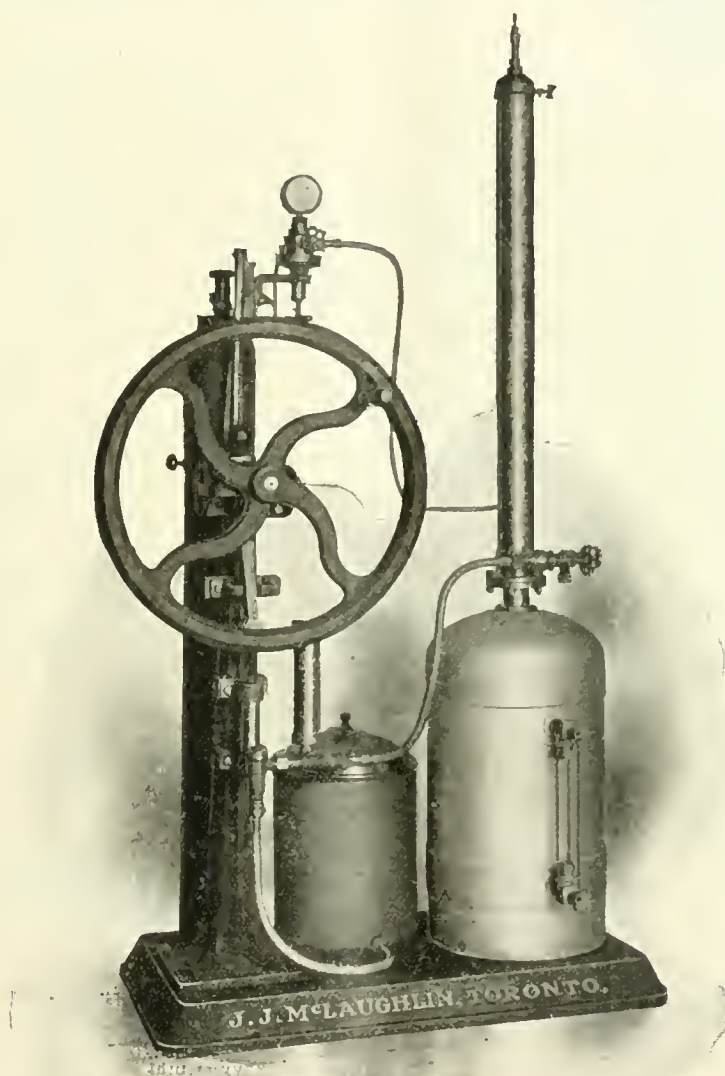
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"SANITARY" SODA FOUNTAINS
THE ASSINIBOINE



This cut shows one of the most artistic of our "SYRUPS IN SIGHT" apparatus. Solid Onyx body. Genuine Refrigerator Base. Metal lined and double glass doors. May be seen in our show-room with over twenty other designs. 1905 Catalogue now ready.

J. J. McLAUGHLIN,
TORONTO

McLAUGHLIN'S HAND AND AUTOMATIC CARBONATORS



McLaughlin's No. 2 Hand Carbonator

This is our fourth year in the Carbonator business. We built the first line of Soda Fountain Carbonators made in Canada in 1900. We have learned by experience, and offer our patrons a choice of four kinds of simple, practical and efficient machines. Substantial metal bases and correct fittings with each one. All water tanks are enamelled or made of tinned copper (galvanized iron tanks are quite unfit for use—they give the water a metallic zinc-like taste). Supplied complete as shown in cut, with the exception of the drum of gas. A boy can easily pump 10 gallons of soda in five minutes. Automatic gas regulator. Draws beautiful soda at 75 pounds pressure.

To use this machine attach a drum of gas and fill water can. Set the gauge at 75 pounds. Pump until the water reaches the top of glass gauge. That is all. Its advantage over the old style charging outfit is that you do not have to charge up a cylinder every time your old one runs out, but instead you are always ready for the rush. Its cost to operate is about one-half that of the old style charging outfit.

Worth its Weight in Gold



BABY'S OWN SOAP

keeps the most tender skin, soft, smooth, and free from chaps.
No Other is just as Good.

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ALBERT TOILET SOAP CO., Mfrs. Montreal.

This Soap is being extensively advertised. It will pay you to keep it in stock and supply the demand.

JOSEPH E. SEAGRAM

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Rye and Malt Whiskies

"OLD TIMES" and "WHITE WHEAT"

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Is the only Brandy distilled in Canada under the supervision of the Excise Department of Canada.

It is recognized by the Medical Faculty as genuine and equal to the highest class French Brandies for medicinal purposes. For sale in cases of 12 qts. and 24 pts., and in packages of 5 gallons and upwards.

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An excellent antiseptic tooth wash

SULPHUR PASTILLES

For burning in diphtheritic cases.

SAPONACEOUS DENTIFRICE

An excellent antiseptic dentifrice

These Specialties

All of which have been well advertised more particularly the "Castor-Fluid," may be obtained at all the wholesale houses at Manufacturer's price.

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When You Prescribe a Tonic

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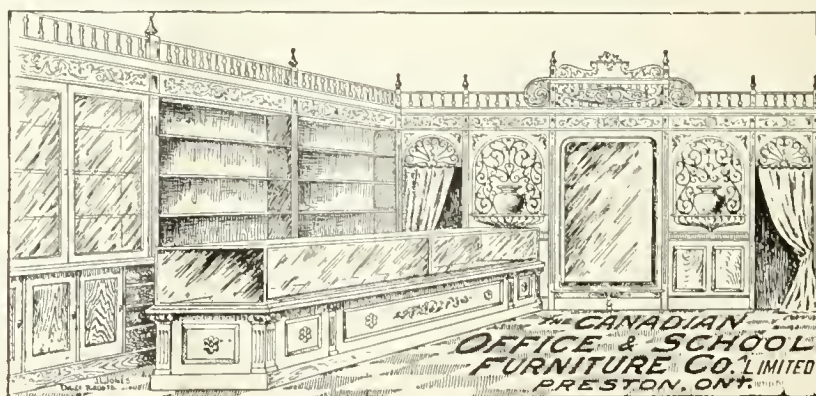
It is a rich wine with which have been carefully blended extracts of Cinchona bark.

It is positively free of all deleterious ingredients; its absolute purity being vouched for by such eminent medical authorities as L. Minier, French chemist, of the celebrated Laboratory of Practical Sciences, and Milton L. Hersey, Canadian Government Analyst.

It is strongly recommended for Anaemia, Chlorosis, General Debility, and for heavy mental or physical strain.

LAWRENCE A. WILSON CO., Limited

Canadian Agents, MONTREAL



Stearns Non-Secrets

were born about thirty years ago. While some of these may be called antiquated, still our customers would not have them changed. They were right

New Styles and Formulas

have been added as fast as the need became evident, and Retail Druggists may rest assured that the Stearns Non-Secrets are as far ahead in quality of material and external style to-day as they were a quarter of a century ago. We did not plan for to-days profits but rather for a century of business.

Frederick Stearns & Company

Windsor, Ontario

Detroit, Michigan

For Fifty Years

The House of Stearns has been in business. Age may mean nothing more than slow decay, but in our case it means a well defined and matured plan for the betterment of retail Drug Profit, and time has offered nothing better.

After Twenty Five Years

Canadian Druggists who have been steady customers assure us that our goods, our plan and our treatment of customers has been entirely satisfactory, from the first.

We want every Druggist in Canada to feel the same confidence in our goods and business methods.

THE HOUSE OF STEARNS is a stable institution and is here to stay.

PARA CAMPHOR ICE—GLYCERINATED

The popular remedy for cold sores, frost bites, roughness and reddened skin. Always ready.

Apply night and morning to affected parts until relief is obtained. Rub in well.

Camphor (powdered)	2 drams
Paraffin (liquid)	2 drams
Paraffin (solid)	5 drams
White Petrolatum	8 drams
Glycerine	2 drams
Alkanet root	1 dram

Digest camphor, alkanet, with the paraffin solid and liquid, and petrolatum on a sand bath, add the glycerine, strain, stir till cool, then cut into blocks.

PARAFFIN SCENTED CAKES

The latest Parisian novelty. A universal disseminator of perfume. Perfumes wherever it is rubbed.

Kills moths and perfumes the wardrobe. Use by rubbing on parts of cloth, clothes and handkerchief.

Paraffin	1 ounce
White petrolatum	2 ounces
Heliotropin	10 grains
Oil of bergamot	5 drops
Oil of lavender	5 drops
Oil of cloves	2 drops

Melt the first two substances, then add the next, the oils last, and stir all till cool, allowing to settle; then cut into blocks and wrap in tin foil.

LOTIO DE TOILETTE

The ideal toilet emollient. The only non-irritating, non-acid, cooling, soothing, oily, absorbable, all healing skin lotion. A splendid preparation for chafed skin.

Menthol	5 grains
Paraffin liquid	1 ounce
Lanoline	$\frac{1}{2}$ ounce
Oil of bitter almonds	3 drops
Heliotropin	3 grains

Warm on water bath paraffin and lanoline to a mixture, add menthol, oil and heliotropin; then stir till cool.

CREME DE PETROLEI

Cold cream. This is an exquisite preparation for general use, dispensing or for the toilet.

Stable, bland and permanent. Truly a perfect skin food.

White wax	$\frac{1}{2}$ pound
Spermaceti	1 pound
Lanum anhydrous	$\frac{1}{8}$ pound
White petrolatum	$2\frac{1}{2}$ pounds
Distilled water	1 pint
Borax	$\frac{1}{2}$ ounce
Tinct. vanillin	2 drams
Oil of rose	1 drop
Oil of bitter almonds	3 drops
Oil of lemon	10 drops

Melt first four and strain. Heat water to boiling, dissolve in this the borax and add to above.

Stir till the mixture sets; then add the tincture and oils.

For witch hazel cream add the extract of witch hazel instead of the water. For cucumber cream add cucumber juice.

For arnicated cream add one pint of a solution of arnica flowers, 1 ounces of the tincture to 12 ounces of water.—The Apothecary.

CASEIN AND ITS COMPOUNDS*

During the last few years casein has come rapidly to the front as one of the most important articles used in the arts. Its uses in chemistry and pharmacy are daily becoming more numerous and it is now employed in the manufacture of many of our valuable newer remedies. The pharmacist has to be well supplied with the different casein derivatives, since the prescription calls for these special preparations give evidence that they are rapidly growing in popularity with physicians.

Casein constitutes the chief nitrogenized constituent of milk. It is obtained in an experimental way by precipitating skimmed milk with acetic acid. The casein so obtained is washed with water by decantation, the magma being afterward rubbed with water in a mortar until reduced to as fine a condition as possible. It is then dissolved to a milk-like fluid in the least possible quantity of a 0.1 per cent. caustic soda or ammonia solution. The milk-like liquid is filtered through several folds of filter paper, until it becomes water clear, with only a slight opalescence. After diluting with water it is again precipitated with acetic acid, and the precipitate again ground finely, washed on a filter with water, and then dissolved in a caustic soda solution as above. This is repeated once or twice. Then the washed precipitate is gently pressed, quickly rubbed to a paste with 97 per cent. alcohol, transferred to a filter, washed first with alcohol, then with ether, pressed, and finally dried in a mortar.

On the large scale, casein is made by precipitating milk with hydrochloric acid at about 120 degrees Fahrenheit. The precipitate is then washed with diluted sulphuric acid heated to 130-140 degrees Fahrenheit, pressed, and afterward dried at about 130 degrees Fahrenheit. Casein thus prepared can be bought in the market at prices ranging from 50 cents to \$2.50 a pound, depending upon its purity.

Casein is not only prepared from milk, but can also be prepared from different vegetables. For instance, peas contain casein in amounts varying from 15 to 20 per cent.; in China a form of cheese is made from peas which is sold under the name of Taofoo. Beans, lentils and other leguminous fruits contain appreciable amounts of casein, and

* Cornelius Zeisler, Phar.D., in American Druggist.

vegetarians depend upon these products for the chief source of the nitrogen of their food.

Pure casein is in the form of a white powder having only a slight yellowish tinge, and without taste or odor. It behaves like an acid to the alkalies and alkaline earths, reddening litmus, and acts as a base toward the acids, thus exercising both an acid and a basic function. It is insoluble in water, but dissolves readily in ammonia and in dilute solutions of the caustic alkalies and alkaline carbonates and in a solution of sodium chloride. On addition of an acid to alkaline solutions of casein, precipitates are thrown down containing the precipitating acid in combination, but these compounds are decomposed in water. (Allen, Comm. Org. Anal., Vol. IV.)

Of considerable pharmaceutical interest are the compounds of casein with alkaloids. These are obtained by triturating the bases in alcoholic solution with a given quantity of moist, freshly precipitated casein. Morphine forms a casein compound which is soluble in water; quinine and certain other alkaloids give casein compounds which are rendered soluble by the addition of an alkali or the salt of an alkali, such as sodium chloride. It is asserted that such caseinates are more readily assimilated when taken medicinally than the salts of the same organic bases usually employed in medicine.

Casein has the property of forming insoluble precipitates with some of our most poisonous chemicals, and therefore in poisoning by corrosive sublimate, lead salts, white precipitate, etc., casein in the form of milk forms an invaluable antidote.

Cheese, of which casein is the chief constituent, has proven very efficient in the treatment of certain forms of indigestion. It has the power of stimulating the secretion of digestive fluids and facilitating the dissolution of the particles of food in the stomach. While casein has been employed in the manufacture of medicinal preparations only during the last few years, it has advanced so rapidly that to-day the market is flooded with its preparations. To discuss all of these derivatives would be tedious, and only the most important of them will be enumerated, and for this purpose it has been deemed best to arrange them in alphabetical sequence:

Aluminum caseinate, made by adding a solution of aluminum acetate to milk freed from albumin and sterilized, is a yellowish, tasteless powder, insoluble in water or alcohol. It is given as an intestinal astringent in doses of from 3 to 5 grains.

Argonin is made by adding a solution of the sodium compound of casein to a solution of silver nitrate, and precipitating the newly-formed body by the addition of alcohol. It is a white powder

insoluble in cold but readily soluble in hot water; contains 4 per cent. of silver.

Arsen caseinates are obtained by boiling casein, suspended in alcohol, acetone or hydrochloric acid, for several hours with an aqueous or alcoholic solution of a halogen arsenic compound.

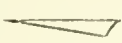
Casanthrol is a mixture of casein ointment with 10 per cent. of "extractum lithanthracis," the latter being the substance of coal tar which is soluble in ether and benzol. It is a thick, glutinous emulsion, which, when applied to the skin, forms a dry, elastic coating in a few minutes, and which can be mixed with any medicinal agent that does not cause the casein to coagulate.

Casein Ammonia Liniment.—The writer has experimented with many different formulas for the preparation of ammonia liniment, and has reached the conclusion that casein is among the very best agents for the production of a homogeneous and permanent liniment. The liniment, which should be prepared according to the United States Pharmacopoeia, is slowly poured into a large mortar containing the casein (1 drachm of casein to 1 pint of liniment) and rapidly stirred, so as to form a paste. The remainder of the liniment is now added, and the whole product well shaken for some minutes. Made in this way, ammonia liniment will be found to keep for a long time without separating.

Casein glycerophosphate is made by heating a solution of a salt glycerophosphoric acid with casein at 30-40 degrees Centigrade; the resultant solution is filtered after standing 12 hours and evaporated in vacuo at 40 to 50 degrees.

Casein phosphate is a strong acid compound of casein and phosphoric acid, which is prepared as follows: A quantity of phosphoric acid is incorporated with casein in the proportion of casein, 75 parts; phosphoric acid, 25 parts. The phosphoric acid is diluted with water and the casein slowly added; the mixture is heated and the heating and stirring are continued until the mixture assumes a uniform fluid form. It is then further concentrated until of a syrupy constituency, more casein being added so as to form a magma. The compound is dried in a current of hot air, and when dry is ground into a powder. It is used chiefly as an acid ingredient in brewers' yeast.

Casein Ointment.—Dr. Unna has employed casein as a basis for ointments. It is freed from fats by washing with alcohol and ether, then emulsified by addition of 3 per cent. of potash or soda, so as to obtain a neutral product. A preparation consisting of casein 2 parts and glycerin 1 part mixes readily with soft paraffin 3 parts, the product resembling thick condensed milk. Acids, calcium salts and other substances which precipitate casein are of course incompatible with

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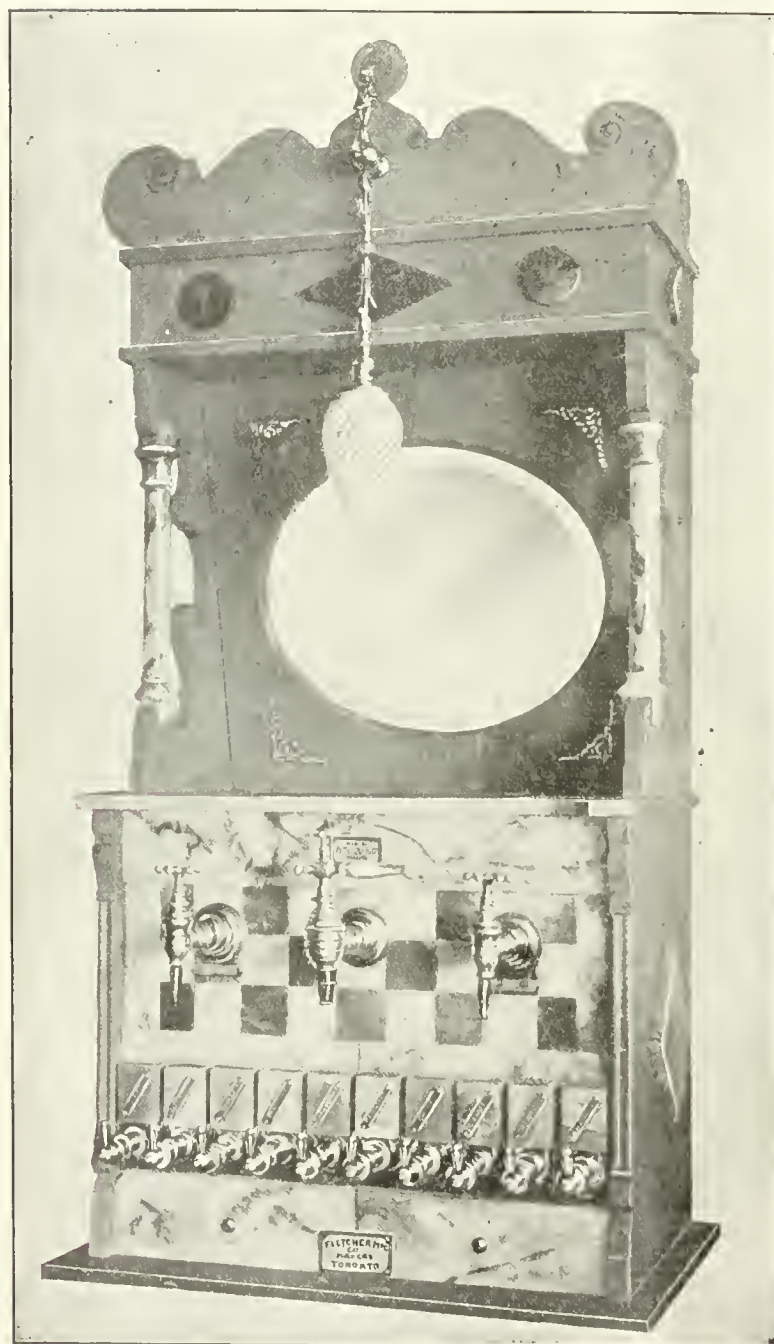
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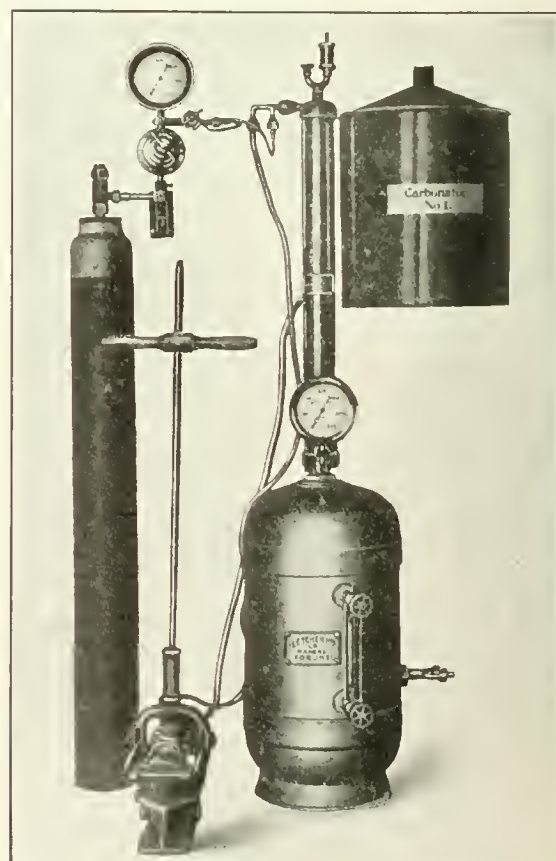
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it. Tar and balsams should be mixed with one-fourth their weight of green soft soap before incorporating with the casein, and other substances previously brought into a semi fluid condition by the addition of soft paraffin and water. Such ointments are said to come more intimately in contact with the skin. The following is the formula for Unna's casein ointment: Casein, dry, $2\frac{1}{2}$ ounces; potassium hydrate, 23 grains; sodium hydrate, 5 grains; glycerin, 1 fluid ounce; petrolatum, 150 grains; salicylic acid, 36 grains; water, enough to make 16 ounces. Dissolve the alkalies in a portion of the water, and in this solution dissolve the casein; add the glycerin and carbolic acid, incorporate the petrolatum, and finally the remainder of the water.

Casein Varnish.—According to Ammundsen, this is prepared as follows: Casein, 100 parts; solution of soap (10 per cent.), 10 to 25 parts; slaked lime, 20 to 25 parts; oil of turpentine, 25 to 40 parts; water, sufficient. Mix the casein with the soap solution, add the lime and rub up to a homogeneous mixture. Now add the turpentine gradually and with constant stirring. Add water to attain the desired consistency. The addition of a little ammonia water helps to prevent the preparation from spoiling.

Iodocasein is prepared as follows: A solution of iodine in potassium iodine is added to milk until in slight excess after 24 hours' contact, as indicated by the coloration imparted to chloroform. The yellowish brown coagulation is washed by decantation, suspended in water, redissolved with caustic soda in slight excess, filtered, and reprecipitated from the filtrate by the addition of acetic acid to faint acidity. To obtain it absolutely pure, solution and precipitation must be repeated five or six times. It is then washed, first with water, then with alcohol, and finally with ether. The substance thus obtained is pure and leaves practically no ash incineration. The definite combination of iodine with casein is proved by the determination of the iodine and nitrogen in the five precipitations from soda.

Iodocasein compounds have been obtained by A. Liebricht as follows:

Casein periodide, by heating casein with one-fourth its weight of iodine and extracting the excess of iodine from the resulting brown powder by means of ether. The product contains 17.8 per cent. of iodine—which it contains loosely combined—is a yellow powder, soluble in hot dilute alcohol, and separating from this solution in brown flakes. When the periodide is washed with alcohol and ether, part of the iodide is removed and

Casein iodide, containing 5.7 per cent. of iodine in permanent combination, remains. This is a white powder, insoluble in most solvents, but, like casein, is soluble in dilute alkaline solutions,

from which it is again precipitated on neutralization. On treating casein periodide in the manner adopted by Baumann in preparing iodothyryn from thyroid gland, a product resembling iodothyryn,

Cascoidine, was obtained. This contains about 8.7 per cent. of iodine, is soluble in hot dilute alcohol and alkaline liquids, but insoluble in most solvents.

Massage creams of recent introduction contain casein as a basis. A formula taken from *The Chemist and Druggist* is as follows:

Casein	5ii
Water	5vii
Liquid ammonia	5ss
Glycerin	5i
Perfume	q. s.
White petrolatum	5iii

Mix together the casein, water and glycerin, stir in the ammonia, warm to dissipate the ammonia, and when cold mix with the petrolatum.

Casein, dried	5i
Boric acid	gr. v
Glycerin	mx
Carmine solution, N. F.	q. s.
Oil of bitter almond	q. s.

Saccharated Casein.—It is now nearly twenty years since casein was first suggested as an emulsifying agent. The formula then proposed called for the use of a saccharated casein made as follows: To 4 quarts of cow's milk, heated to 104 degrees Fahrenheit add $2\frac{1}{2}$ fluid ounces of ammonia water, and allow the mixture to remain at rest for 24 hours. The fatty portion of the milk rises to the surface on standing and is separated from the lower liquid, which contains the casein in solution. The latter is precipitated with acetic acid, washed with water several times by decantation, collected on linen and pressed. A small weighed quantity is dried and the percentage of dry casein in the moist magna ascertained. The latter is then mixed with 100 Gm. of powdered sugar and enough sodium bicarbonate so that 100 Gm. of the dry casein will contain 8 Gm. of bicarbonate. Enough sugar is lastly added to make the finished preparation contain 10 per cent. of its weight of dried casein. The whole is then dried and powdered.

Almond oil emulsion is made by mixing 15 parts of saccharated casein with 5 parts of water and adding 15 parts of expressed oil of almond and enough water to make 150 parts.

Castor Oil Emulsion.—Saccharated casein, 30; water, 10; castor oil, 30, and water enough to make 175.

Emulsion of balsam copaiba is made by dissolving copaiba balsam, 25, in alcohol, 25, and 10 saccharated casein in 10 water containing 0.2 sodium bicarbonate, by means of a water bath, mixing the solution in a capacious bottle and shaking well; the rest of the water, 50, and syrup, 25, are then added and again shaken.

INDUSTRIAL USES OF CASEIN

There has been a fairly considerable development of late years in the use of casein in the industries. In dyeing and calico printing it is used as a substitute for albumen for the purpose of fixing mineral colors. Casein colors have been placed upon the market as facade paints. They are prepared by mixing casein with about one-fifth of its weight of calcium hydrate and incorporating sufficient dyestuff to obtain a magma. These colors are put up in sealed cans, as they have to be kept away from the action of the CO₂ of the air. It also finds considerable use as a fixing agent in distemper paints. It is used with advantage instead of oil. A little ammonia is recommended to be added to make the paint work freely under the brush.

A casein paint is made as follows: Dry casein, 90 parts; resin, oil or fat, 90 parts; lime, to which has been added 5 to 10 per cent. of aluminium or zinc sulphate in solution, 90 parts, together with mineral or other pigments, according to the desired purpose, and sufficient water to make a paste.

Casein is largely used in the manufacture of paper, replacing gelatin, and in the preparation of playing cards.

In Germany and Austria casein, in combination with formaldehyde, is used for the manufacture of galalith, which substance is the basis of artificial ivory and horn, and is also used as a substitute for amber pipe stems, knife and cutlery handles, etc.

A French patent gives the following as the ingredients for a bone or ivory substitute: Casein, 100 parts, mixed with 20 to 60 parts of alcohol (90 to 95 per cent.). Five to ten parts of borax dissolved in 20 to 60 parts of water are then added and the stirring continued. The plastic mass is rolled and pressed (by a pressure of 0.5 to 60 kilos per square centimeter) in a 15 to 20 per cent. solution of acetic aldehyde, of benzaldehyde or crotonic aldehyde.

A good substitute for collodion can be prepared by dissolving 1 part of casein in 3 parts of ammonia water, adding 1 part glycerin, and applying heat to drive off the ammonia. To the product is added sufficient boiling water to form a paste, and it is then ready for use.

Casein Cements.—Casein forms an ideal base for cements. In practice, the casein is boiled in water and filtered rapidly, washed with cold water, precipitated and kneaded in warm water. After decanting the water, the mass is mixed with slaked lime. The product is adapted for joining marble, earthenware, broken pill tiles, pestles, etc. A mixture of casein and solution of sodium silicate makes a good cement for mending broken graduates, percolators, etc. For mending meers-

schaum pipes a mixture of casein, sodium silicate and finely powdered magnesium oxide is used. If powdered meerschaum is mixed with the magnesium a mass nearly identical with meerschaum is obtained. A solution of casein in a concentrated solution of borax, made with cold water, makes a very tenacious cement. A cement for metal is made by mixing 18 parts washed quartz sand, 8 parts casein and 10 parts slaked lime.

Iron cement for filling up defects in cast iron is made by combining casein, 1 part; iron (powdered), 1 part; bone black, 1 part; plaster of paris, 2 parts. This is worked into a stiff mass with water, only sufficient being mixed at one time to serve immediate purposes, as the cement sets rapidly, becoming as hard as iron in a short time.

INCOMPATIBILITY OF ANTIPYRETICS WITH EXTRACT OF CINCHONA

Robert (Jour. Phar. Chim.) again calls attention to the incompatibility of cinchona extract with many synthetic antipyretics, despite which they are frequently prescribed together. Since most of these are basic bodies it is obvious that they will form precipitates with the cinchotannic acid of most galenical preparations of cinchona bark. The precipitation of antipyrine in this manner is familiar; anilipyrine, pyramidon, exalgine, kairine, and thalline sulphate all behave in a similar manner. Cryogenine is an exception. The salts of the cinchona alkaloids, when prescribed with bark extract, are also precipitated. It is evident, therefore, that such precipitates should not be filtered out. They may, if not too copious, be dissolved or be prevented from forming by the judicious use of a little free acid or alcohol, glycerine, or citric acid. In the case of cinchona alkaloids the author employs a few drops of alcoholic sulfuric acid, the eau de Rabel of the Codex. Crouzel also calls attention to the incompatibility of antipyrine with any galenical preparation containing tannin, and states that the formation of antipyrine tannate profoundly modifies the antipyretic action of the mixture.

INCOMPATIBILITY OF COCAINE AND CALOMEL

In preparing an ointment containing cocaine, muriate and calomel, Guyot (Jour. Phar. Chim.) found that the mixture first became yellow, then gray. If they were powdered separately and mixed with a card, the mixture was white and remained so for several days. It was evident, therefore, that the blackening of the powder was due to the heat of friction in triturating. By powdering the two ingredients separately and incorporating them in succession in the ointment, the resulting preparation was colorless.



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The Dispenser's Delight**

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of any side line the jobber's salesman can carry.

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Soda Fountain Requisites**

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TORONTO, ONT.



"TRUE FRUIT" FOUNTAIN SYRUPS

Made by special cold process. Superior in flavor and quality. One gallon concentrated Syrup will make four to six gallons richly flavored syrup for the fountain.

Banana	\$2.50	Claret	\$2.50	Orange	\$2.50
Blackberry	2.50	Claret Phosphate	2.50	Orangeade, Pan-Am.	2.50
Birch Beer	2.00	Creme de Menthe	2.50	Orange, Blood	2.50
Buffalo Punch	2.50	Coffee	2.50	Peach, Pulpy	2.50
Celery Phosphate	2.50	Ginger	2.00	Pineapple	2.50
Champagne Phosphate	2.50	Ginger Ale, Belfast	2.50	Raspberry, Red ..	2.50
Cherry, Red	2.50	Grape, Concord ..	2.50	Raspberry, Black	2.50
Cherry, Sweet	2.50	Huckleberry	2.50	Root Beer, Rochester	2.00
Cherry, Morello	2.50	Limeade, Pan-Am.	2.50	Sarsaparilla	2.00
Cherry, Wild	2.50	Lemon	2.50	Sherbet, Royal	2.50
Cherry, Wild Phosphate	2.50	Maple Fudge	2.50	Strawberry	2.50
Chocolate	2.50	Nectar, Roman	2.50	Vanilla, Mexican	2.25

Put up in imp. gallon stone jugs. No charge made for jugs, and they are not returnable.

Chocolate may also be obtained in wine half gallon jars at \$12.00 per dozen. Always uniform in quality and highly satisfactory. Ready for instant use. Saves time, heat, labor and money.

EXTRACT VANILLA, True Mexican, Special, per gallon, \$10.00; half gallon, \$5.25. Guaranteed Absolutely Pure.

"TRUE FRUIT" CRUSHED FRUITS

are made from the finest ripe fruit that can be grown, whether tropical or Northern fruit, specially selected for our trade. Packed in special wine half gallon glass jars. Prices per dozen jars:

Cherry, Crushed	\$16.00	Nut Frappe	\$24.00	Peach, Sliced	\$15.00
Cherry, Whole	17.00	Orange	14.00	Pineapple	14.00
Cherry, Maraschino	18.00	Orange, Blood	14.00	Pineapple, Cut	15.00
Fruit Frappe	24.00	Peach, Crushed	14.00	Raspberry	14.00
Lemon	14.00	Ginger	15.00	Strawberry	14.00

"TRUE FRUIT" BRAND POWDERED CHOCOLATE

A special blend of the best cocoa beans. Strong, rich in flavor, free from grease or grit and highly satisfactory. Prepared expressly for the fountain.

1-lb. cans.....	50c. per lb.	10-lb. cans.....	42c. per lb.
5-lb. cans.....	45c. per lb.	25-lb. pail (wood).....	38c. per lb.

The advertising matter furnished with our orders is the most beautiful and attractive we have ever issued. Exquisite copies of paintings specially executed for us at large expense by the greatest fruit artist in America

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Chas. H. Fletcher.

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Jobbers sell less than 3 dozen at \$3.00 per dozen.

Jobbers sell 3 dozen or over at \$2.80 per dozen.

Send for
Almanacs, Cards, Cartons, and Counter
Wrappers.

Genuine **CASTORIA** Always

Bears the Signature of

Chas. H. Fletcher.

THE CENTAUR COMPANY
77 MURRAY STREET, NEW YORK CITY.

Chas. H. Fletcher.

President.

Formulary

POLISHES

Liquid, Powder, Paste and Soap

Selected from various sources

LIQUID SILVER POLISH

- 1.—Prepared chalk 6 parts.
Ammonia water 6 parts.
Alcohol 9 parts.
Water 40 parts.
- 2.—Sodium hyposulphite 2 parts.
Water 6 parts.
Dissolve and add :
Prepared chalk 1 part.
- 3.—Oxalic acid 1 part.
Crocus martis 2 parts.
Prepared chalk 4 parts.
Water to make 16 parts.
- 4.—Prepared chalk 2 ozs.
Oil turpentine 4 ozs.
Strong solution ammonia 4 ozs.
Water to make 16 ozs.

Reduce the chalk to powder, add the oil of turpentine and mix thoroughly, then add the solution of ammonia, shake well, and gradually add the water, shaking after each addition. A little polishing rouge may be added if desired.

- 5.—Precipitated chalk 2 ozs.
Iron carbonate 1 oz.
Water of ammonia 2 fl. ozs.
Wood alcohol 4 fl. ozs.
Water enough to make 16 fl. ozs.

Mix. Directions for use : Shake well ; apply with sponge or soft cloth ; when dry, rub off, and polish with soft leather, wool or cotton cloth.

- 6.—Carbonate of magnesium 2 ozs.
Precipitated chalk 4 ozs.
Iron carbonate 1 oz.
Wood alcohol 8 fl. ozs.
Water enough to make 16 fl. ozs.
Mix.

- 7.—Calcined magnesia 1 oz.
Precipitated chalk 7 ozs.
Water of ammonia 4 fl. ozs.
Wood alcohol enough to make 16 fl. ozs.
Mix.

SILVER POLISHING POWDER

- 1.—Prepared chalk 12 ozs.
Magnesium carbonate 2 ozs.
Iron carbonate 1 oz.
Sodium bicarbonate 1 oz.

Directions : Mix, and pass through fine sieve. Make a paste with water or wood alcohol, and apply to the metal.

- 2.—Precipitated chalk 10 ozs.
Rotten stone 4 ozs.
Charcoal 1 oz.
Borax 1 oz.

All in powder ; mix, and pass through a fine sieve. Directions same as No. 1.

- 3.—Rotten stone 12 ozs.
Magnesium calcined 3 ozs.
Oxalic acid 1 oz.

Pulverize the acid, mix with the other powders, and pass through fine sieve. Directions same as No. 1.

- 4.—Prepared chalk 12 ozs.
Magnesium, calcined 2 ozs.
Tripoli 2 ozs.

Mix, and pass through fine sieve. Directions : Should be used dry.

METAL POLISH PASTE

- 1.—Oxalic acid $\frac{1}{2}$ oz.
Rotten stone 2 ozs.
Iron carbonate 2 ozs.
Tripoli 2 ozs.
Petrolatum enough to make a paste.

Reduce to powder, pass through fine sieve, and mix with petrolatum to form paste, and add oil of mirbane to flavor.

- 2.—Tripoli 7 ozs.
Paraffin 3 ozs.
Oleic acid, crude 10 ozs.
Oil mirbane enough to flavor.

Melt the paraffin, add the oleic acid, and incorporate the tripoli to form a paste.

- 3.—Tripoli 7 ozs.
Iron carbonate 1 oz.
Petrolatum sufficient to form a paste.

Mix the tripoli and iron ; pass through fine sieve, and make a paste with the petrolatum, and flavor.

- 4.—Tripoli 16 ozs.
Spanish whiting 16 ozs.
Powd. rotten stone or pumice 8 ozs.
Petroleum 2 fl. ozs.
Petrolatum to make a soft paste.
Oil mirbane to perfume.

- 5.—Infusor. earth (Kieselguhr) 8 ozs.
Paraffin 2 ozs.
Lubricating oil 6 ozs.
Oleic acid 1 oz.
Mirbane oil 30 m.

Melt the paraffin with the lubricating oil, and mix with the infusorial earth, then add the oleic acid and mirbane oil.

- 6.—Rotten stone 16 ozs.
Paraffin 8 ozs.
Kerosene (coal oil) 16 fl. ozs.
Oil of mirbane enough to flavor.

Melt the paraffin, incorporate the rotten stone, add the kerosene and the oil of mirbane, when cold.

- 7.—Oxalic acid $\frac{1}{2}$ oz.
Rotten stone 10 ozs.
Kerosene (coal oil) 30 fl. ozs.
Paraffin 2 ozs.

Pulverize the acid and mix with it the rotten stone ; melt the paraffin, add to it kerosene, and incorporate the powder ; when cool, add oil of mirbane or lavender to flavor.

8.—Pumice	2 ozs.
Rotten stone	2 ozs.
Iron carbonate	2 ozs.
Paraffin	2 ozs.
Gasoline	16 fl. ozs.

Mix the pumice, rotten stone, and iron; pass through a fine sieve to remove all grit. Melt the paraffin and pour into the gasoline; to this solution now add the powder, with shaking to thoroughly incorporate the same.

BRASS POLISH

1.—Oxalic acid	1 part.
Jewelers' rouge	16 parts.
Rotten stone	20 parts.
Palm oil	60 parts.
Petrolatum	4 parts.

Powder the acid, and add the rouge and rotten stone, mixing thoroughly. Sift to remove all grit, and gradually add the palm oil and petrolatum. A little oil mirbane or oil lavender may be added, with advantage.

2.—Japan wax	2 parts.
Oleic acid	11 parts.
Tripoli	7 parts.
Oil mirbane	sufficient.
3.—Magnesium carbonate	4 parts.
Chalk	4 parts.
Jewelers' rouge	7 parts.

LIQUID FOR COPPER, BRASS, ETC.

Neueste Erfind und Erfahrungen gives the following :

Oxalic acid	15 parts.
Water	250 parts.
Infusorial earth, finely powdered	35 parts.

Dissolve the acid in the water and add the earth. Mark "Shake when using."

We have received excellent results from infusorial earth in kerosene or gasoline alone.

POLISH FOR MACHINERY

1.—Levigated rotten stone	1 part.
Iron oxide (brown)	3 parts.
Oil bitter almonds to perfume.	
Olive oil to make paste.	
2.—Oxalic acid	1 part.
Jewelers' rouge	15 parts.
Powd. rotten stone	20 parts.
Palm oil	60 parts.
Petrolatum	4 parts.

POLISH FOR ALUMINUM

Stearic acid	1 part.
Fullers' earth	1 part.
Tripoli	6 parts.

A mixture of petroleum and kerosene oil is said to be an excellent application for protecting the surface of the metal.

To give the aluminium a natural, pure white color, dip it into a strong solution of caustic soda or potassa, and then into a bath of 2 parts of nitric and 1 part of sulphuric acid; thence into pure nitric acid, and finally, into vinegar

diluted with water. Rinse in running water, and dry in hot sawdust. Burnish with a bloodstone burnisher.

SILVER SOAP

Cocoanut-oil soap	8 ozs.
Hot water	8 ozs.
Prepared chalk	16 ozs.

Make a solution of the soap and water and incorporate intimately with the chalk.

POLISHING SOAPS

1.—Powdered pipeclay	90 parts.
Tallow soap	13 parts.
Tartaric acid	1 part.
Grind until pasty, afterwards press into blocks.	
2.—Levigated flint	12 parts.
Whiting	10 parts.
Tallow	4 parts.
Caustic soda	1 part.
Water	3 parts.

Dissolve the soda in water, and add to the tallow, when saponified stir in the others, pressing as before.

3.—Saponified cocoanut oil	32 parts.
Keiselguhr	7 parts.
Alum	3 parts.
Flake white	3 parts.
Tartaric acid	1 part.

Make as before.

4.—Tallow soap	49 parts.
Liquid glycerine soap	7 parts.
Whiting	9 parts.
Levigated flint	7 parts.
Powdered pipeclay	7 parts.

SILVERING POWDER FOR METALS

Copper, brass, and some other metals may be silvered by rubbing well with the following powder :—Potassium cyanide, 12; silver nitrate, 6; calcium carbonate, 30. Mix and keep in a well-closed bottle. It must be applied with hard rubbing, the bright surface being afterwards rinsed with water, dried and polished. Great care must be exercised in the use of the powder on account of its poisonous nature. It should not be allowed to come in contact with the hands.—Anuales de Pharm.

SILVER-CLEANING FLUID

Powdered Borax	
Sodium sulphate of each ...	2 lb. 10 oz.
Copper sulphate	1 lb. 5 oz.
Sodium chloride	1 lb. 12 oz.
Arom. spirit ammonia	1 lb. 12 oz.
Potassium cyanide	8 lb. 12 oz.
Distilled water	14 gallons.

Keep in glass demijohns.

FLOOR WAX

1.—Powdered stearin	20 parts.
Powdered yellow wax	5 parts.
Powdered soap	2 parts.
2.—Powdered stearin	4 parts.
Powdered yellow wax	1 part.
3.—Scraped paraffin	5 parts.
Powdered talcum	2 parts.

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Worth-While Profits to the Retailer
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CARPENTER'S Water-proof Liquid COURT PLASTER

Heals Cuts, Burns, Wounds and all
Abrasions of the skins

It is an invisible, water-proof, pliable, antiseptic, germ-destroying plaster healing rapidly. WE OFFER \$1,000.00 for every drop of COLLODION, Acid, or Gun Cotton found in this preparation.

Toilet Size 10c. Physicians' Size 25c.

Ask your JOBBER for it. Manufactured by

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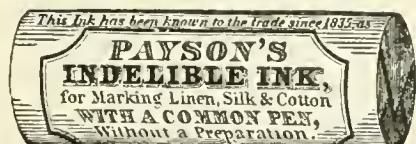
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The Rubber Goods manufactured by the **STERLING RUBBER CO., London, E.C.**, combine the durability of English manufactured goods with the latest styles, designs and finish.

Everything they make has an absolute guarantee to the user for one year.

It would pay every druggist in Canada to handle this line.

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FISCHER
SELF-ADJUSTING
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if looking for a first-class money-maker and widely-advertised sundry—the only one of its kind in existence—a wonderful seller that costs but little and doubles the druggist's money for him. We have it.

The Fischer Protector is a pliable LEATHER shield that is worn outside the stocking and around a bunion or enlarged toe joint, affording positive protection and immediate relief to the affected part.

At retail they sell for a \$1.00 a pair, but the druggist gets them at \$6.00 per dozen pairs—a clear profit to him of 100 per cent.

But two sizes are necessary to fit any foot so that a small stock occupying a very small space, is all that is requisite for a complete equipment. Remember that

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Write to day for sample and full particulars.

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N.B.—We are advertising this Protector extensively.

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Typhoid, Tuberculosis, Agalactia, Hyperchloric Dyspepsia, Diabetes and Kidney Disease, there is nothing as good as

Lacto-Globulin

It is retained and assimilated when every other form of food is rejected.

Lacto-Globulin contains in concentrated form all the digestive enzymes of fresh milk, and presents a practical result based on the researches of Concetti, Spolverini, Escherich, Noblecourt, Sevin and Pawlow on the soluble ferments.

A Canadian Scientific Discovery. Made in Canada by Canadians.

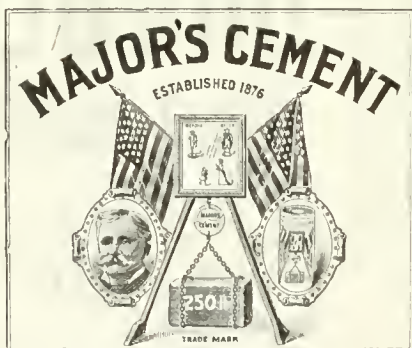
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"CHICAGO" EYE SHIELD



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Fitted with clear GLASS LENSES, or with colored lenses if preferred.

Just the article for anyone exposed to the inclemency of the weather.

Send for our Catalogue on EYE SHADES, Eye Shields, and Auto Goggles. Manufactured by

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is the only book which contains satisfactory explanations of all doubtful points in the British Pharmacopoeia. It is also the latest and most practical Text-book of Pharmaceutical Chemistry, Official Materia Medica, and Pharmacy. The work is indispensable to Students preparing for Pharmaceutical Examinations.

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CANADIAN DRUGGIST - - TORONTO, CAN.

Photographic Notes

METOGALLOL DEVELOPER

E. Pozzi-Escot (L'Union Pharm.) observed that on adding methylparamidophenol sulphate to an aqueous solution of pyrogallol, the solution became far more stable than a solution of pyrogallol, while it possesses the great advantages of exerting a developing power in the absence of alkalis, and in the presence of only sodium sulphite. Metogallol, the new compound resulting from the reaction, is a well defined compound, occurring in the form of white, long needles very soluble in water, but less soluble in water saturated with sodium sulphite. It is extremely oxidizable by the air when in a moist state, as may be seen by the fact that when a few grammes while moist are exposed to the air on filter paper, in a few hours there remains nothing but a carbonaceous residue. Metogallol acts very much like diamidophenol; its action is, however, more slow, and it is not well adapted for instantaneous exposures, but it gives images of great delicacy and of incomparable intensity. The best formula for using it is as follows:

Metogallol	12 Gm.
Sodium sulphite	60 Gm.
Water	1000 Gm.

The solution is colorless and is perfectly stable whether kept in stoppered or unstoppered bottles. It acquires a color but very slowly, and only after the lapse of several days is an appreciable tint observed. It may remain exposed to the air in a developing dish for an entire day without the least inconvenience resulting, or loss of developing power. Nor is the solution sensibly colored during development, and it may become used up without the least danger to the negative; and, lastly, it does not stain the fingers. The addition of sodium carbonate greatly increases the developing power, and makes it exceedingly rapid. From 5 to 20 Gm. of the carbonate may be added to the solution made as above. Nor does the image lose in depth or transparency; in fact, the solution so modified, may even be employed in instantaneous work.

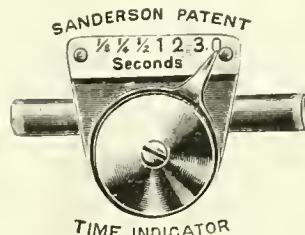
MODIFIED FORM OF FEHLING'S SOLUTION

In order to avoid the rapid spoiling that Fehling's solution undergoes, Maridet (Apoth.-Ztg.) recommends to make a mixture of copper sulphate and Rochelle salt in the usual proportions, and to keep the powdered mixture ready for use in a glass-stoppered vial. For use, 1 Gm of the mixture is dissolved together with 0.5 Gm caustic soda in 5 Cc of water in a test-tube, the solution heated to boiling, and the test for grape sugar then made as usual.

PHOTOGRAPHIC NOVELTIES

The number of druggists in Canada who handle photographic supplies and appliances is steadily increasing every year, and, hence, every novelty brought out by photographic firms is a matter of interest to them all.

Among the old country firms who are keeping abreast of the times in this respect is the Altrincham Rubber Co., Altrincham, England, who, in addition to a full line of rubber goods of all kinds, such as hot water bottles, etc., manufacture a number of most practical photographic appliances. Among these may be mentioned their Roller-Blind Time and Instantaneous Shutter, which obviates the difficulty hitherto experienced in securing a shutter in a wooden case sufficiently small to permit of its use in conjunction with the many forms of small hand and folding cameras in use to-day. It is remarkably neat and pretty, simple in working, and highly satisfactory in practice. A bulb release can be fitted on to obviate the necessity of holding the ball in the



hand all the time. The price is very low, considering the quality and capabilities of the shutter. In the smallest size the total weight, including ball and tube, is less than three ounces. The accompanying cuts show the shutter and the patent turning device. The third cut illustrates one of the patent negative and print-washing manufactured by the firm, which, by the addition of tubing, can be moved about to the various parts of the developing sink. It is suitable for fitting on either round or oval-shaped tops, and is a most serviceable article. Other appli-



ances manufactured by the firm are all kinds of photographic rubber goods, cameras, bromide printing machines, lens, caps and cases, camera and tripod cases, squeegee pads, and, in fact, everything used by photographers.

THE AMIDOL DEVELOPER

By Dr. E. Kaltenborn

In the course of time it has become apparent that it is not everyone who can work with all developers. Not, perhaps, because he is incapable of penetrating the secrets of the application of this or that developer, not because it is more difficult to obtain good results with this developer than with that, also not because there are developers, the compounding of which requires some practice and pains. No, the cause lies in a completely different direction. There are people who cannot work with certain developers. It may be that some natures have an inherent aversion to some developer-substances, a peculiar physical sensitiveness to them, or it may be that

for instance is also used to preserve meat, acts with Amidol, however, not only as a preservative, but it substitutes at the same time the action of alkali, so that Amidol works as a developer without adding an alkaline substance, and consequently Amidol developing solutions possess the simple compound of Amidol and Soda Sulphite. In order to keep the shadows clear in the negative, as also the high lights of positive developing papers, this Amidol developer should contain, as should all developers, a small addition of Potassium Bromide.

The directions given in the "Agfa" Handbook have proved satisfactory. 200 grams sulphite of soda (crystals) or 100 grams sulphite of soda anhydrous are dissolved in one litre of wa-



C.P.R. Bridge across the St. Lawrence above Montreal.

they cannot stand the alkali, which is necessary to the developing solution.

In the first case the best remedy is to change the developer. A sensitiveness to all developer substances will probably not occur very often.

The remedy in the second case is Amidol. This developing substance has the peculiar property of giving a developing solution without any additional alkali. While Rodinal is a concentrated solution of paramidophenol in a caustic alkali, without, however, superfluous caustic alkali, and metol, glycine, eikonogen, etc., require potash or soda as an alkaline substance, Amidol acts without any of these alkalies, and as a rapid developer has similar characteristics to Rodinal.

All developing solutions contain as a preservative a sulphuric salt, a sulphite, as a rule sulphite of soda. This harmless substance, which

ter and then 20 grams Amidol added to the solution.

This concentrated solution for developing negatives, plates, and films is diluted with 3 to 4 parts of water, and add to each 100 cub. cent. of diluted solution about 3 drops of 10 per cent. bromide of potassium solution. For developing papers, one can dilute the concentrated solution with 5 to 6 parts of water. Amidol produces on these papers a pleasing, almost a pure black tint, which by adding a good quantity of potassium bromide to the developer assumes a slightly greenish tinge.

For stand developing, Amidol is not quite suitable. Otherwise it can with Rodinal and Unal be called a universal developer. As already briefly mentioned above, the developing properties of Amidol are extremely nearly related to those of Rodinal.

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Agfa Dry Plates

unexcelled in price and quality.



UNAL

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Rodinal in a solid Form

universal developer par excellence.

Special attention drawn to

Isolar Plates

Nonhalation

Patented

Ordinary and Orthochromatic

Indispensable in all cases where strong, light contrasts are to be overcome. Keeping qualities are unexcelled. Highly sensitive, and adapted for all instantaneous work.

Unal is suitable for all sorts of plates and films, positives and bromide papers.

Unal works quickly, clearly and powerfully.

Unal produces contrast and softness as desired.

Unal is but little affected by change of temperature.

Unal keeps excellently in the original packing, and is of small bulk and weight.

Unal package is therefore exceptionally suited for transport and has no breakage of bottles.

Unal is above all handy and convenient, the whole contents being dissolved in the prescribed quantity of water.

Unal is immediately ready for use.

Unal does not stain, does not induce fog, does not affect the fingers.

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Sarsaparillas

It might seem to be a little early to talk Blood Purifiers, but it is astonishing how quickly time flies. Spring will be here very soon and the live druggists are giving serious thought to the question of Spring medicines. This is evident by the large number of orders we have on hand for Sarsaparilla, for Spring delivery. We have a very extensive variety of wrappers and the prices and quality are right. Write us for quotations and samples.

The Toronto Pharmacal Company, Limited

TORONTO,

-

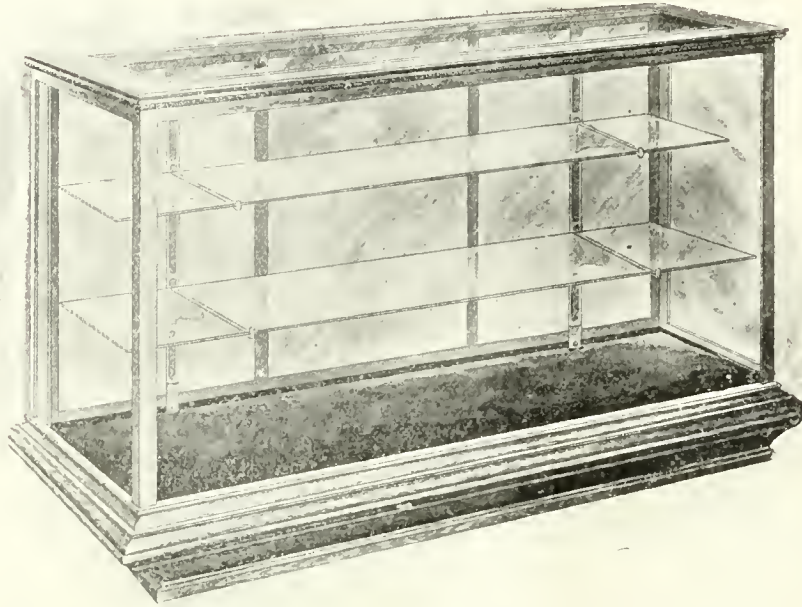
MONTREAL,

-

WINNIPEG

WOULD YOU ENGAGE

an active, persistent, courteous, hustling Salesman, who



TALKS BUSINESS

From the word "Go"

Who never tires,

Never sleeps,

Takes no holidays,

But makes sales when you are behind the counter and when you're not, then

Here's His Photo

Engage him quickly.

A line will bring further particulars.

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LONDON SHOW CASE & OFFICE FIXTURE CO., LONDON, CANADA

1905

Another Big Year Ahead!

Improve your store and get your share of business.

LUXFER WINDOW AND SIDEWALK PRISMS.

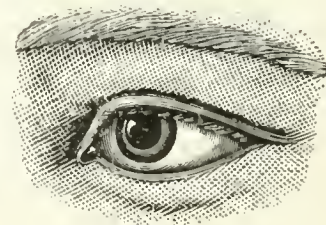
The best improvement for business premises.

SEND FOR INFORMATION.

THEY MAKE DARK PLACES LIGHT.

STORE FRONTS OUR SPECIALTY.

Luxfer Prism Co., Limited
100 King Street West, TORONTO, Canada



Prescriptions

10% LESS THAN ANY OTHER HOUSE

Every country prescription sent out day of arrival
Full line of AMERICAN OPTICAL GOODS—
cheaper and better than any competing line.
A trial will make you a steady customer.



DOMINION OPTICAL CO.
TORONTO

Phone, Main 2808

Optical Notes

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics, Toronto.

OPTICAL POINTERS

The village optician as a rule does not and he knows he does not do nearly as much optical work as his optical training, knowledge, ability and stock would warrant.

How to increase one's optical business is a pertinent question for opticians in villages and small towns. That it can be largely increased the writer feels assured if a few things were done that are usually left undone. The country newspaper, of course, furnishes a medium to advertise to a limited extent, but the form of advertisements would be more valuable if, instead of the stereotyped ready-made cuts, the optician would frequently write up a little talk on eye strain, showing its relation to headache and pointing out the remedy. This would be a unique change for the weekly readers of the paper, besides giving them some much-needed information, and would make them think the optician must certainly know his business or he could not write thus.

Do you not think this would be much better than quoting prices so often and many other things we constantly see in optical ads.?

Another, and perhaps the best, way to secure business is to assure the teacher of the public or high schools that from 20 to 30 per cent. of students' eyes are defective in eyesight which lenses will correct and remedy. Then follow this up with the request to be allowed the privilege of gratuitously testing the eyesight of the whole school. This could be done rapidly so far as ascertaining if pupils had a visual acuity of 20-20.

The names of those falling below 20-20 could be registered and subsequently followed up at the optician's place of business. It would be a novel afternoon at the school for both teacher and pupils. The details of the plan would, of course, be worked out differently by each optician.

Is there anything that would get you talked about more as an optician than the above procedure?

I am satisfied if you made the affair interesting and instructive in one school all the other schools in the district would invite you to give them an afternoon's testing. Besides, many a scholar would largely benefit both in health and progress of studies by having an error of refraction thus detected and corrected which would otherwise have gone on unknown or unsuspected.

When a child needs lenses it is the best of policy to put them in frames that look as neat as possible. In other words, do not spoil the cosmetic appearance by ill-fitting frames. If you

spoil the looks of one scholar it may spoil the sale to many others. On the other hand, if you improve the facial appearance it is a drawing card right along. The selection of frames as to fit, position, weight, dimensions and material are important factors in determining the ultimate cosmetic effect. Rimless glasses always look best and should be encouraged.

BINOCULAR, MONOCULAR AND ALTERNATE VISION

To see an object with both eyes singly is termed binocular vision and the proof that such really exists is when, with a prism before one or both eyes, diplopia or double vision is created momentarily or otherwise. But as soon as the prism is removed the double images are seen to unite into one. If it is not possible to create a double image with any prism then there is only one seeing eye, and its mate is either entirely or nearly bereft of vision, or strabismus, or both strabismus and amblyopia are present.

Binocular vision may or may not be stereoscopic; when stereoscopic, both eyes have perfect or nearly perfect vision equally, and while there may be a dominating eye—that is, either the right or the left eye is favored for aiming at a target, owing to muscular imbalance, still, vision with both eyes together is between 30 per cent. to 50 per cent. better than single vision with either eye alone. Each eye, for instance, may see 20/20 singly, while both eyes are able to see 20/15, or in some few cases even as much as 20/10, and the greater the difference between single and double vision, the more perfect the stereoscopic effect in which the visual field must be, in every respect, equal to the sum of the extent of the field of both eyes in the horizontal meridian.

In binocular vision, which is not stereoscopic, it will be found that the visual field of both eyes is not equal to the sum of the fields of both eyes in the horizontal meridian, and there is a difference, not necessarily great, in visual acuity, and there is usually a decided tendency in aiming to use the favored or best seeing eye.

Vision with both eyes is only very slightly or not any better than with the best seeing eye singly, when looking through the stereoscope both pictures will unite into an enlarged one, the same as if stereoscopic vision were present; but such a picture will not show the relief and life-like stereoscopic effect present in true stereoscopic vision, which gives the illusion of thickness and perspective.

UNEQUAL REFRACTION

The cause of such vision is usually unequal refraction in the two eyes, which refraction was not corrected in full until adult age was reached;

the mind trains itself to ignore the weaker or fainter image, which would have only thrown a mist or haze over the clearer one of the best or least ametropic eye. Hence, while both images truly overlapped each other in the sight centre of the brain, as in the case in binocular stereoscopic vision, still the mind only takes cognizance of the clearest image; for that reason, when vision is made equally clear in either eye with lenses, stereoscopic vision may be created and may not easily be borne owing to the previous habit of ignoring one.

In some cases, especially in the young, there is the fullest stereoscopic vision, no matter if the difference of visual activity is quite marked without the correcting lenses. Of course, with a full correction for each eye, vision is much better, but the difference between single and binocular vision with or without any lenses will be found to be quite constant in both.

In other cases it is not possible to restore stereoscopic vision, although vision with either eye may be raised to nearly normal; but with both eyes together vision will be either as with best ametropic eye alone or not as good. When the former exists there is no chance of creating stereoscopic vision, while in the latter case, in which the sight is not so good, with both eyes as with the better eye alone, much training may be required to establish stereoscopic vision—but the case is not to be considered hopeless.

Sometimes, by fogging one eye temporarily, vision may be found to be better with both eyes, and, again, by slightly fogging each eye alternately every day, for not over an hour each time, stereoscopic binocular vision may be gradually established. In the fogging process vision will be lower, however, than otherwise, but a greater difference may exist between single and vision with both eyes, and still be open to correction.

In monocular vision one eye is either blind or nearly so, or there may be strabismus with double vision, but owing to the wide divergence of the double image, the false one will not be seen, or the false image may be so faint in comparison with the image of the best eye, that its presence will be disregarded. At any rate, we are not able to create double vision with prisms, because such already exists without them, but we may be able to make the double vision manifest with prisms by converging them nearer together, or we may even be able to unite them into one image, as the case may be.

PRISMS OF NO HELP

But in doing so, we may either make vision worse with both eyes or else not any better, if the strabismus is great and of long standing; usually it is not possible to make a diplopia visible at all, even in cases where the squinting eye

is not quite blind. Therefore, except for correcting any diplopia of a slight and recent strabismus, as is pointed out by Mr. G. Kahn, in the "Jewellers' Circular," prisms are of no help whatever in such cases. Alternating is a faculty naturally acquired by people in which one eye is either emmetropic, and the other myopic, or one is hyperopic and the other myopic.

Such people make use of the emmetropic or hyperopic eye for distance and the myopic eye for reading, and when this faculty is once acquired, it will be found to be nearly impossible to break patients of it, in which case the service of any lenses can only be of value which does not in any way interfere with the habit of alternating.

In the selection of lenses for such cases, we are only to improve the function of each eye, separately. Therefore, it would be folly to give a full correction of the myopia in such cases, when presbyopic, especially because the reading is done with the myopic eye. This latter must be at least undercorrected to the amount of the presbyopia present. Thus the eye will be enabled to do the reading, while the hyperopia should be corrected in full to enable good distant vision, and no addition made in this for presbyopia. In alternating eyes, either the eye in use deviates out, or what is the same as regards vision, the mind learns to ignore the blurred image of the eye not in use, should they co-ordinate in vision.

An emmetropic eye, coupled with one 3 D. or 3.50 D. myopic, and never having had binocular vision of any kind, will not stand in need of it, and, what is more, will never be in need of glasses for any purpose. In fact, it would be impossible to provide a pair of lenses that would improve their sight in any way, whatever, at any time of life.—The Optician.

Drug Report

Business during the past month has been somewhat affected on account of the severe snow storms and blocking of the railways.

One of the noticeable features of the month has been the further advance in iodine, which has advanced about 50c. lb. This article is closely controlled by a strong combination abroad and little information has reached us as to the occasion for the three advances that have been announced within the last year. There may be some truth in the report that the output of Japan, which furnishes quite a quantity of the crude, has been secured by the syndicate. If so, high prices will likely be maintained. For prices on iodine and salts, see our price list.

Another feature of the month has been the drop in price on bromides. This has been brought about not on account of any enormous profit that has been made on bromide and its salts,

The Great Food Remedy for Consumption

"Tropon" Cocoa and Chocolate

PROMOTES DIGESTION AND BUILDS
UP AND STRENGTHENS THE SYSTEM

COWAN'S

Chocolate Cream Bars
Chocolate Wafers
Milk Chocolate Wafers
Croquettes and
Medallions

ARE THE DAINTIEST AND PUREST
CONFECTIONS

The Cowan Co., Limited
TORONTO.

HORLICK'S MALTED MILK

For INFANTS, INVALIDS,
the AGED and TRAVELERS

SAMPLES, SIGNS AND ADVERTISING
MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

HORLICK'S FOOD COMPANY

Pioneer Mfrs. of Pure Malted Foods
Racine, Wis., U.S.A.

GILMOUR BROS. & CO., Sole Agents for Canada, Montreal.



By Appointment Purveyors to His Excellency
The Governor-General.

CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited
TORONTO



This is the best.

Cleave's Celebrated Devonshire Cream Chocolate

(Made in England)

MILK Chocolates have become very popular of late,
but what is becoming most popular of all is,

Cleave's Celebrated Devonshire Cream Chocolate

No MILK Chocolate can compare with its charmingly
beautiful flavor and rich aroma.

Most nutritious and sustaining.

Composed of finest quality cocoa and pure, rich

Devonshire Cream

So toothsome and delicious, that, having once tasted
it, you hesitate before buying any other.

Doctors recommend it for invalids and children.

5c., 10c., 20c., and 40c. lines.

THE ROYAL CONFECTIONERY CO'Y

Canadian Representatives

115 Simcoe Street, - Toronto

DRUGGISTS' CONFECTIONERY

Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard LONDON, ENG.
Aldersgate Street



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

CHLORODYNE JUJUBES

PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Multum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

LINSEED, LIQUORICE AND CHLORODYNE
LOZENGES

Are now in great demand. We recommend all who have
not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

Containing Aniseed, Benzoin, Chlorodyne, and other valuable
Ingredients.

Sent out in 4-lb. Glass Show Jars. (Jars free.)

PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale Drug House in Canada can supply, or Indents may be sent direct to Manchester

but the foreign and American manufacturers of this article are having a little family quarrel among themselves. As present prices are less than the cost of production it is not likely that the low prices will be long maintained. In fact, while they are being nominally quoted in the U. S. at the low price, it is very difficult to get any supply. For value on items affected see our price list.

Opium has advanced about 15c. per lb. during the month and indications point to the fact that it may go still higher.

The price on Gillett's Lye to the trade has been fixed by the manufacturer, we understand, at \$3.80 a case, usual terms.

Agnew's catarrh cure, which was not handled for some time by the wholesale druggists, we understand, has been re-stocked by them and they are prepared to fill orders for it.

CHANGES IN PRICES

A—Advanced D—Declined

D. Ammonia bromide	lb.	.65
A. Ammonia iodide	oz.	.45
A. Arsenic iodide	oz.	.60
A. Bismuth sub-iodide	oz.	.60
A. Colchicin C. P. crystals, 15 gr.		
bottles	ea.	\$3.00
A. Glycin	oz.	.75
A. Hyoseyamine sulphate amor-		
phous	gr.	.35
A. Iodine resublimed	oz.	.40
A. Iodine com'l	oz.	.40
A. Iodoform	oz.	.45
A. Iodine chloride-tri	oz.	.75
A. Iodine bromide	oz.	.75
A. Lead iodine	oz.	.40
A. Mercury biniodide	oz.	.40
A. Pot iodide	lb.	\$4.40
D. Soda bromide	lb.	.55
A. Soda iodide	oz.	.45

NEW GOODS

Aldehyde	oz.	.20
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It is not only necessary for a dealer to keep his stock clean, but he should keep it cleaned up so as to turn it often.

Reputation—based on character—is worth more to a dealer than cash; in fact, it will help him to accumulate the latter.

Let every customer be satisfied, even though it cost you time and money. It will pay big dividends.

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc. 10 cents for 20 words of less subsequent insertions 25 cent. Send cash with order.

ATTENTION!

On a special plan I buy and sell drug stores; furnish positions, and drug clerks to employers and locations for physicians, etc.

F. V. KNIEST, R. P.

N. Y. L. Omaha, Nebr., U. S. A.

REFERENCES—Any Omaha Jobber or Bank.

WANTED

First or second-year man. Best dispensing and general experience assured. Good wages to bright, reliable man. Apply with references to

ALLEN, the Druggist, Ottawa.

FOR SALE

Proprietary medicine business. Thoroughly established on cash basis. Expenses small—big profits. An exceptional chance. Sold at sacrifice on account of owner's poor health.

Address 207 George St., Toronto.

FOR SALE—SODA FOUNTAIN

American Soda Fountain Company's Manufacture—Wall—Onyx with Carbonator; only in use four months last year. Will sell cheap and on easy terms. Photograph on application. HARRY SOUTHCOTT, St. Catharines, Ont

COMMERCIAL

PRINTING

A SPECIALTY

The ...

Bryant Press

Limited

44 Richmond Street W.
TORONTO.

Telephone Main 2377

COATE & CO., THE LONDON BRUSH WORKS, AXMINSTER, ENGLAND

Established 1846

Specialists—Tooth, Nail and Hair Brush Manufacturers

AND PATENTEES OF THE WHITE ENAMELLED TOOTH BRUSHES

N.B.—A Large Stock of Finished Tooth Brushes, Nail Brushes, Hair Brushes, &c., kept ready for Merchants' Shipping Orders. A trial order solicited

Illustrated Price List sent Free on application.

Philately

A COLLECTION

True pleasure is found in the collection of stamps for the sake of the stamps themselves, free from any pecuniary feeling, says a writer in a contemporary. Collect anything you desire, leaving the speculative fever out of the question; then undoubtedly, you will feel that perfect delight in your hobby which is unalloyed by any feeling of personal gain. Once you take to the pursuit of stamp collecting and dealing as a means of accruing profit, the true happiness and enjoyment derived therefrom is gone; it then becomes a common speculation—a mere gamble. You buy stamps in the same manner that you do stocks and shares, having regard to-day only for that which will show the greatest profit to-morrow, and you then at once make a business of what should be purely a pastime.

Many, doubtless, can testify to the truth of these statements, and I can speak personally on the matter, having passed through the various phases of stamp mania; first, schoolboy-collector, collector, collector-dealer, and finally dealer and speculator, and if I were asked at what period I obtained the greatest pleasure from my pursuit, I should say when I was a beginner, free from the temptation of pecuniary gain, and I would that those days could come again when I had no "pocket" interests at stake, and bought, or "swapped" stamps for stamps' sake, and not for gain.

When you feel tempted to go in for the dealing element, think what it may cause you, and decide wisely to leave dealing to dealers, and then wend your way down the path of true collecting, regardless of the temptation of the thirst for gold, which, if yielded to, must ultimately be the means of the destruction of the temple of your delight—Philately!

The Russian Government has decided to issue a new set of stamps for foreign and domestic postage, in denominations from one to ten kopecks, bearing pictures of the Kremlin, Plevna, Peter the Great's statue in St. Petersburg, etc. These stamps will be sold for three kopecks above face value.

The Chinese local stamps are issued by municipalities that are much the same as tiny independent republics, inasmuch as they are governed by councils pledging no allegiance to the general government; by imperial edict they have been practically freed. The stamps of many of these treaty ports were issued by full legal authority and were used postally, although their territory was too small to admit them to the privileges of the postal union.

Want to Buy

Old Canadian and U.S. stamps in any quantity. Want Jubilees. Also any 6, 8, 10. Also dollar value of U.S. Send with price for prompt cash.

KING, SON & CO.

141 East 19th St.

New York City

\$1 \$2 \$3 \$4 \$5
CANADA JUBILEE

For \$5.50, Post Free and Registered.

Only a few sets on hand, so order to-day, at this exceptional bargain.

1000 Imported Hinges, 15c; Scott's 1905 Catalog 58c; Watermark Detector, 50c; Stamp Tongs, 30c. Our large list is free. Write us to-day.

TIFFIN STAMP CO.

160 P. Street,

Tiffin, Ohio

CANADA STAMPS

In great variety—a Specialty.
—Send list of Wants.—

1000 entirely different Foreign Stamps, fine collection only \$3.00 post free.

"Junior Outfit" illustrated album, 200 different stamp and stamp mounts, only 35c. post free.

50 South American, different 25c.

50 British Colonies, " 30c.

24 Japanese in book, " 25c.

50 African, different 75c.

500 Foreign " \$1.25

WM. R. ADAMS, 401 Yonge St., Toronto, Can.

Established 1897.

Universal Standard Stamp Catalogue, Fifth

edition for 1905, now ready, 422 pages, 2900 illustrations, postage paid to any address in Canada or U.S. on receipt of 40c. in unused current postage stamps.

The STANDARD ALBUM for stamps of the British Empire is now ready, fully illustrated on a new plan, full particulars, prices and specimen page sent free on request.

WHITFIELD KING & CO., Ipswich, England

STAMPS—The Finest Stock at Lowest Prices.

Largest importers British Colonials in U.S.

4 St. Vincent 10c.; 6 Hawaii 15c.; 5 Martinique 8c.; 25 British West Indies, China, Corea, Siam, etc. 35c.; 8 Uruguay 10c.; 3 Congo 10c.; 25 British West Indies 25c.; 4 Corea 8c.; 6 Newfoundland 10c. Cloth bound stamp album for 600 stamps 8c. Our "Zoological" packet, 25 unused stamps, containing pictures of 22 different animals and birds, only 60c. Write to-day for copy of our catalogue.

We buy collections and solicit correspondence. Correspondents wanted in every country in the world; write for special foreign booklet. List of prices paid for all used Canada Stamps sent for stamp THE COLONIAL CO., 2435 Michigan Ave., Chicago, Ill. Dealers, Importers and Exporters of Postage Stamps exclusively.



Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

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A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.

MUNN & Co. 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

The Canadian Druggist

VOL. XVII.

TORONTO APRIL, 1905

No. 4

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

TORONTO, ONT.

Telephone, Main 3203

Cable Address : SAYD, TORONTO

REBATES MEAN "CUTTING"

In another portion of this issue we give a report of an interview between leading wholesale and retail merchants of Canada and the Dominion Government in reference to the "trading stamp nuisance."

Those merchants who spoke on behalf of the deputation presented their case well, dealing logically and reasonably with the various phases of the evil and we believe the effect must be to do away with a system of doing business which certainly has caused hardship to the merchant, who endeavors to do business in a legitimate way without recourse to any bribes or outside inducements.

The difficulty appears to be in interpreting the law and the matter has been brought before the Cabinet at Ottawa in order to finally determine the constitutionality of the law as defined by certain of the judges, and to enact such legislation as will prevent any restraint of trade.

Another system of "giving something for nothing" has been brought to our notice, that of the giving of coupons with each sale, so that when a customer collects \$5 of these coupons, he receives on presentation of them to his druggist, goods to the value of twenty-five cents in exchange for them, thus giving the customer a rebate of 5 per cent. on his purchases.

It is, perhaps, needless for us to say that in a case of the sale of any article which is sold on the price restrictive plan, this is clearly a breach of the agreement and should prevent the sale of any such articles to the retailer who uses the coupons. It certainly is a shortsighted policy for any druggist to pursue, to endeavor by any such methods to undermine the business of his competitor, or to secure additional temporary trade, by methods which, to say the least, are unbusiness-like and lowering to his own prestige as a business man.

If persevered in, retaliation by his competitor in some form is sure to follow and once the war has commenced, "price cutting" in all its forms and with all its annoyance and inevitable loss to all parties will be the result, without any prospect of again restoring business to its proper basis.

DILIGENCE IN BUSINESS

In these days of hurry and strife for the first places in the race for life it is even more important than in former years that a man be diligent in his business and look after its every detail closely. We see among our greatest men of to-day those who started in life as poor boys. How have they come to do this? Was it because they had better chances than are now held out to the average young man? This has not been so in the majority of cases, but they have striven after their high positions and have endured hardships to overcome obstacles. They have been diligent in business. In some respects it may be harder for a young man, or, in fact, any man in business, to make a great success, because of the amount of competition that has to be met. It needs men who will not give up for anything to battle against this competition. Close attention must be given to the slightest details in any business and everything has to be done carefully. The cost must be measured in every transaction. Application is necessary if you would obtain the best results. Look out for the little things. They do not seem to count at the time, but every item helps to count up on either side of the balance sheet. By that it is not meant that one should be close, but he should be careful.

THE TWO YEARS' COURSE.

Every alumnus of the Ontario College of Pharmacy should be gratified to know that the Council has again taken up the question of extending the course of instruction and of furnishing a properly constructed college building with suitable equipment for supplying instruction in its several departments in a most efficient manner. Though this is not the first time that resolutions to extend the course have been adopted, it is, however, hoped that the subject will now be effectually dealt with, and the new Council to be elected in June, as successors to the present board, will be considered derelict in its duty to all who are interested in pharmaceutical education, if it does not prosecute the work now being initiated, with utmost energy, to its full completion.

That these proposed innovations should have been inaugurated several years ago, goes without saying. Had it been done, the College would have been able to entertain the large number of applicants who were denied admission to the present course of instruction. Every graduate, who, while a student at the O.C.P., faithfully endeavored to master his studies, can attest the fact that it was an absolute impossibility to grasp the mass of work involved in laying the foundation of a pharmaceutical education, when a short period of only eight months was available for the absorption and assimilation of this instruction. Many graduates are to-day paying an enormous price, in the form of shattered health, for their honest efforts in securing a pharmaceutical education at our College, owing to the abbreviated length of the course, and the unsanitary condition of the classrooms. The congested time-table, made necessary in order to cover the work, brings so many exercises in rapid succession during the day, that the students' limit of concentration and observation has been reached soon after the second exercise of the day is well under way, so that the remainder of the forenoon's, or afternoon's instruction is practically lost, or is, at least, received in a most mechanical manner, which induces inattention. Lack of interest soon becomes a habit with some students, who then lose sight of their original ambition, to attain a pharmaceutical education, and acquire a new one, namely, the ability to cram enough to enable them to pass their examinations. It is somewhat surprising that so large a percentage of our students are successful at their final examinations, when the unfavorable conditions just mentioned are taken into consideration. The advantages of an extended course of instruction will be so far-reaching as to make it almost impossible to enumerate and discuss them in an article of readable length.

Primarily, it will enable the intelligent student,

whom our present high standard of matriculation should furnish, to properly grasp the instruction and retain it; the longer intervals between lectures and demonstrations enabling him to wholly digest and assimilate one day's work before he begins another.

As instruction in all departments of science must be progressive in character—in none more so than in the applied science of pharmacy and its cognate sciences—hence when such work is given more deliberately, it cannot fail to invite intense interest on the part of all industrious students, and as a natural sequence, the habit of "cramming" for examinations will not be so universally depended upon. Secondly, a two-years' course will admit of an extension of the instruction in certain departments, which, to meet present existing conditions, is now somewhat curtailed. The departments in which such extension is hoped for, are, practical botany, pharmacognosy, practical dispensing, practical pharmacy, prescriptions and organic chemistry, and prescriptive Latin, in the place of posology. It should also be possible to provide for Post-Graduate work of a practical character, thereby making it possible for graduates, who desire to extend their knowledge on special subjects, to be provided with the requisite equipment and facilities to enable investigation and experiment. Original investigation would then be invited, and would claim its due share of importance. There should also be a room provided for a good library, an essential adjunct to every well-organized educational institution, and which has been badly needed in the past; not a circulating library, from which books may be retained for any length of time, but a reference library with reading room combined, under the supervision of a librarian, and accessible during certain hours of the day by graduates and undergraduates.

As one of the qualifications for the final examinations, the Council should demand from each senior student, the presentation of an original thesis on subjects pertaining to pharmacy, and ample facilities for making experiments to secure data for these original dissertations would be provided in the laboratories of the college. Naturally, the students will be termed junior and senior students in accordance with the respective courses they happen to be attending; those of the first year, juniors, and of the second year, seniors, while the time served as apprentices, will undoubtedly be recognized as the freshman period. Both junior and senior examinations would be held in April of each year, and the unsuccessful junior students would have five months during which to prepare themselves for their supplemental examinations in September, which they would have to pass before being permitted to enter the senior course of instruction. Those of

Howards & Sons

LIMITED

Stratford, (Established 1797) London

and their Branch House

Hopkin & Williams, Limited

Cross Street, Hatton Garden, LONDON

Have Been Awarded THE

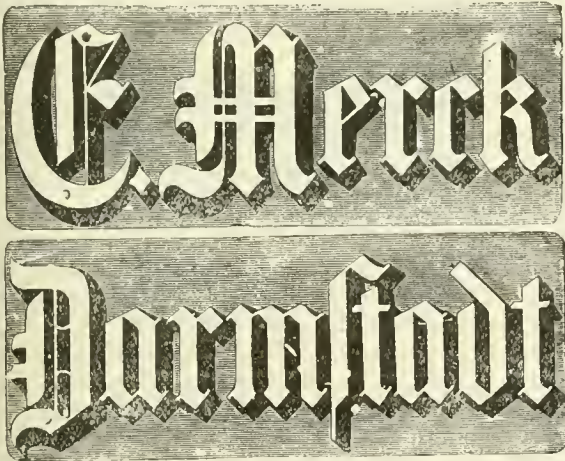
GRAND PRIX

At ST. LOUIS

FOR THEIR EXHIBIT OF FINE PHARMACEUTICAL CHEMICALS

Canadian Agent:

MR. J. M. SCHEAK, 206 Carlaw Buildings, 28-30 Wellington Street West, Toronto.



Chloroform,

Cocaine, Hexamethylentetramin (Formin),
Lithia Salts, Morphia, Paracetphenetidin,
Quinine sulphate, Salol, Santonin,

AND ALL MERCK PRODUCTS

May be obtained through the ordinary Trade Channels.

C. F. BOEHRINGER & SOEHNE

MANNHEIM, WALDHOF

MANUFACTURERS OF

B. & S. BRAND

COCAINE

B. & S. BRAND

Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine
Theophylline Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and
its Salts, Cumarin, Gallie Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorein,
Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited, Montreal

WALL PAPERS

**Plain Burlap and Fabric
Effects**

Greater Decorative Possibilities
than with the Plain "Ingrains"
and Better Profits.

Nos. 1640 and 1641

Are Popular Patterns, and Reds
and Greens are most popular
colors in these goods.

Samples on Application

STAUNTONS LIMITED

TORONTO

Complete "Up-to-Date"

STATIONERY WAREHOUSE

An Immense New Stock on Hand

PAPER—Every Kind, Size and Weight.

STATIONERY—Envelopes, Ink, Pencils—
everything.

OFFICE SUPPLIES—Complete Assortment.

ACCOUNT BOOKS of every description.

Special patterns made to order.

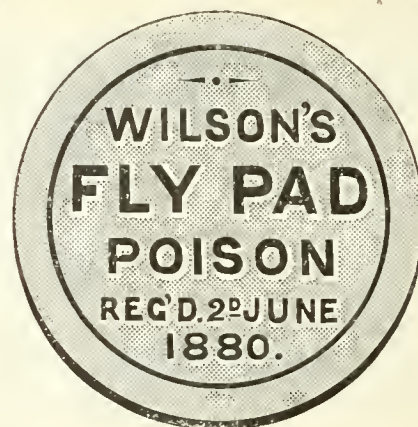
LEATHER GOODS—New Styles and Designs
now in process of manufacturing.

**Printers' and Bookbinders'
Supplies.**

Letter Orders Solicited. Prompt Attention.

Come and See New Building.

BROWN BROS., LIMITED
51-53 WELLINGTON ST. W., TORONTO



ABOUT **650** NEWSPAPERS

Will Advertise

Wilson's Fly Pads

During the coming summer, and the
demand will consequently be much
larger than ever before.

SOLD BY ALL WHOLESALE DRUGGISTS



66²⁰/₃₀ Profit.

We have reduced the price of **Eye-Fix**. Beginning March 1st it will be sold at \$3.60 per dozen, with discounts, instead of \$4.00. The reduction is made voluntarily. The sales of **Eye-Fix** have increased to such an extent that, with the same force of travelling men and the same amount of advertising, we are now doing double the business of a year ago. So we can afford to take a little less for our product. Place **Eye-Fix** in stock and make money. It retails at 50c. per package. Every dealer signs a contract that he will not cut the price, — otherwise he cannot have our goods. **Eye-Fix** is a "repeater"; sells on the recommendation of people who have used it. It is truly a great remedy for eye trouble of every nature, and the only **Complete** treatment in the market, as every package contains a tube of salve as well as a bottle of liquid. All jobbers handle **Eye-Fix**. We should be glad to answer any inquiries you might wish to make.

EYE-FIX REMEDY CO.,
Dept. Q. **Detroit, Mich.**

our graduates who desire to become licensed to practise pharmacy in the U. S., will regret to learn that they are not eligible for examination by the State Boards of Pharmacy of New York and Ohio. Recent legislation in these States has imposed this condition, among others, upon all applicants for registration, viz., that the applicant shall be a graduate of a bona fide pharmaceutical college, whose course of instruction covers a period of not less than two years. The Minnesota Board of Pharmacy is now seeking the enactment of a similar law. The two-years' course cannot come too soon.

DRUG CLUB DEBATE

On the evening of March 22nd, 1905, a new feature was introduced in the Montreal Drug Club, in the form of a debate, which not only proved a success from a social standpoint, but satisfied the promoters of the novel affair that there is talent among the members lying dormant, and those who availed themselves of the opportunity to be present were amply repaid.

The subject, "Resolved that it would be mutually beneficial for retail drug stores to close earlier than they do at the present time," was most appropriate in view of the city's recent by-law regarding the early closing of retail stores in Montreal.

Mr. Tremble in calling the meeting to order requested the speakers to refrain from personalities as far as possible, and limited each speech to ten minutes. In concluding his remarks he appointed Mr. Cameron, Mr. Med and Mr. Stewart to act as judges.

The affirmative side of the subject was introduced by Mr. J. E. W. Lecours, a druggist of long standing, whose wide range of experience added weight to his remarks. He bespoke the sentiments of a large number of his hearers, and contended that an overworked clerk would not be expected to be as reliable as one who had proper hours for recreation and rest.

Mr. M. Albert, leader of the negative side, in replying handled the subject in an able manner, and laid great stress on the financial results accruing from a curtailment of the present hours of business, and maintained that a night clerk would be necessary in every pharmacy, thus greatly increasing the expenses of the proprietor, driving the less prosperous ones to the wall, and creating a monopoly in favor of the others.

In supporting Mr. Lecours, Mr. Tyrrell and Mr. Chalmers as clerks did themselves credit, it being their maiden effort in this capacity.

In Mr. Ryan and Mr. Jas. Goulden the leader of the negative had two able adherents, who expressed their views logically.

The judges retired to discuss the merits of the speeches and after a few moments deliberation,

Mr. Cameron, as spokesman, rendered a decision in favor of the affirmative.

Musical selections by members at intervals during the evening contributed materially to the pleasure of the gathering.

Among those present were:—Messrs. F. Knox, R. Bryson, J. Lareau, G. W. Hayes, G. Bergeron, W. S. Stone, M. Aronson, A. T. Christie, J. L. Tellier, A. Desrosiers, D. Burv, J. Weinfeld, Geo. Porter, T. O'Rourke.

PRESCRIPTION CHARGES

In our last issue we spoke of the desirability of having one common price mark and that every druggist should mark on any original prescription or any copy given to the customer, the price in cipher so that greater uniformity in prescription charges would be maintained.

In a recent issue of *The Western Druggist* an editorial appears dealing with the same subject in discussing the plan advocated by the N. A. R. D. It says:—

One of the many plans advocated by the National Association of Retail Druggists and practised with success in several cities, is that of marking copies of prescriptions, or the original, if it be returned to the patient, with a cipher mark indicating the price charged. The cipher word which has been suggested and which is in use in localities, is "pharmocist," the change in spelling being for the purpose, as is readily apparent, of avoiding the repetition of a letter.

This is a plan which should be more generally put into effect. Pharmacists receive far too little, as a rule, for prescription work. They get nothing for their professional skill, nothing for that for which the physician or the lawyer charges a fee, but only enough to pay a small profit on the materials used and, in some cases, not even that.

Probably one reason for these small charges for prescription work is due to the fact that a pharmacist, especially when filling a prescription which has previously been filled elsewhere, is afraid of charging more than was originally charged and therefore makes his charges entirely too small, fearful of losing a prospective customer. Or perhaps the customer, with an elastic conscience, will insist that the price is higher than was paid elsewhere, no matter how small the charge in the second instance might be. What druggist has not had an experience of this kind?

But if the tell tale letters of the former druggist appeared on the prescription the druggist who refilled it could make the same charge and listen with serenity to the expostulations of the customer who insisted that he was paying more than formerly.

Let druggists everywhere try the plan. It's a good one. The next copy of a prescription that he gives to a customer, let him put the price mark upon it, and let the price be one that will yield a reasonable return, not only for his drugs, but for his professional knowledge. It will gladden the heart of the next pharmacist who fills the prescription.

SUNDAY CLOSING

The druggists of St. Catharines, Ont., as the result of the formation of an association in that city, have taken steps towards a scheme for closing their stores on Sunday, with the exception of one store, which will be kept open from 8 a.m. to 9 p.m.

Each store will have its turn for Sunday work and each druggist and his clerks will have three Sundays off duty each month. We hope the commendable example set by the St. Catharines druggists will be followed wherever practicable in other places.

LEAVE YOUR COMPETITOR ALONE

No matter what provocation there may be, and no matter what incentive, it is unprofitable to make any veiled or direct reference to a competitor, his store or his goods unless it is desired to help advertise him. It is not uncommon to see rival merchants hitting at each other through their newspaper announcements. They hurt themselves; the public may be amused, but is certainly not impressed, and is eventually disgusted. The only way to treat a competitor in your advertisements is to ignore him entirely. Advertise as if there were no other persons in the same business. If you are advertising some specialty and there are others of the same kind, it is not necessary to refer to them; better talk as if yours is the only one worth having, and the advertisements should be worded giving the good points of it, and not the points of superiority over some other similar article.

"ALWAYS MOST SATISFACTORY"

Dr. J. M. Beausoleil, president of the "Canadian Medical Association," in a letter to the manufacturers, says:

I know and recommend your excellent tonic, "Wilson's Invalids' Port."

I prescribe it to young persons and to debilitated women, and the result is always most satisfactory.

I congratulate you for having filled with the greatest of care a time-honoured prescription, which is approved by the medical profession.

I heartily wish you all the success you deserve.

Yours truly,

(Signed) J. M. Beausoleil, M.D.

INJUNCTION GRANTED

A case of interest to the trade and more especially to manufacturers has been brought before the courts. J. H. Cummings, formerly in the employ of Henry K. Wampole & Co., Toronto, was arrested in Montreal, charged with having in his possession stolen goods, these being formulae which were the property of his former employers. It is alleged that he made use of these formulae in the preparation of articles for the Pineo-Dawson Co., of Montreal, with whom he was subsequently employed.

Messrs. Wampole & Co. place a value of \$25,000 on these formulae and claim that they are exclusively their property.

The accused was tried before Police Magistrate Dennison in this city and on the evidence produced was committed for trial at the coming Sessions, bail being accepted.

In order to protect themselves Wampole & Co. have sought and obtained an injunction, preventing either Mr. Cummings or The Pineo-Dawson Co. from using the formulae in any way.

The following is the injunction granted by the court:—

Henry K. Wampole et al,
Plaintiffs and Petitioners,
vs.

James Howard Cummings and The Pineo-Dawson Co.,
Defendants.

An interlocutory injunction was ordered to issue by His Lordship, Mr. Justice Davidson, couched in the following terms:

That the defendants, respondents, and each of them be enjoined for making any use whatsoever of any copies taken by the defendant Cummings of the formulae of the plaintiffs (or any copies made from such copies), which copies were seized under search warrant in criminal proceedings pending in Ontario, and filed therein as exhibits "1" and "3" during the pendency of these proceedings, and from advertising or holding out to the public or to the trade that they are manufacturing, or can manufacture from Wampole's private formulae, to wit, the private formulae of the plaintiffs herein; and the respondents shall, within forty-eight (48) hours, purge themselves of the possession of any copies they may have of such formulae, delivering them over to this court.

Be loyal to your home place, your place of living. You owe it to the citizens of your town, and if for good cause, as you see it, you can't be loyal to your town, then sell out and make your abode elsewhere for the mutual benefit of yourself and others.

\$5,000 PER DAY

Is Spent in Advertising

PE-RU-NA.



Besides being the largest proprietary medicine concern in the world, The Peruna Drug Manufacturing Company is the most extensive advertiser of modern commercial history. Every day of the year during the Spring and Winter it spends fully \$5,000 to bring its remedies prominently before the public. The most valuable space in thousands of daily and weekly newspapers is taken up by its "catchy" announcements, and upwards of 36,000,000 booklets, almanacs and pamphlets are annually distributed broadcast over the North American Continent, introducing Pe-ru-na into millions of homes.

SCHEDULE OF PRICES

1 Dozen Peruna, or less	-	-	\$8.50
2 Dozen Peruna	-	-	8.25
12 Dozen Peruna	-	-	8.00

Less 5 per cent. discount for payment in 30 days.

THE PERUNA DRUG MANUFACTURING CO.,
COLUMBUS, OHIO, U.S.A.

LYMAN'S LIGHTNING FLY PAPER POISON

SEASON 1905

NO CHANGE IN PRICE

5c. Size

3 Papers in Package
6 doz. Packages in Box

Price, \$1.50 per box

10c. Size

6 Papers in Package
3 doz. Packages in Box

Price, \$1.50 per box

In handsome Counter Display Boxes. Send your orders now for your Season's Supply.

THE LYMAN BROS. & CO., Limited

Wholesale Druggists, TORONTO.

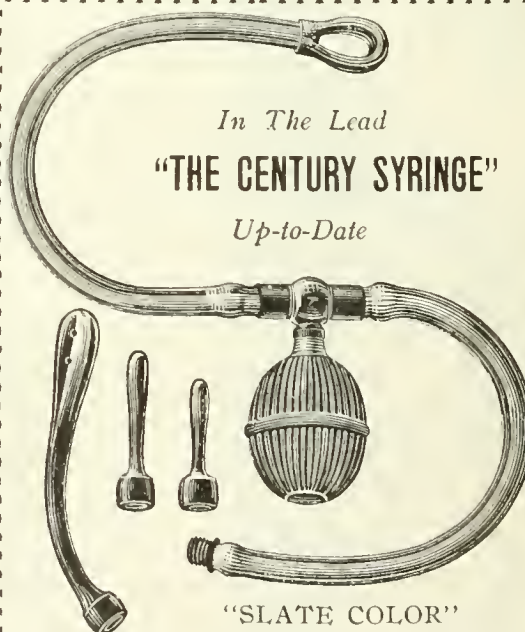
LAWSON & JONES

Are Canadian Headquarters for



Druggists' Printing
and Lithographing
Calendars and
Advertising Novelties
Envelopes
Folding Cartons
and all lines of
Paper Boxes

LAWSON & JONES,
LONDON, CANADA.



In The Lead

"THE CENTURY SYRINGE"

Up-to-Date

"Put
Up
Neat"

"Sells
At
Sight"

"SLATE COLOR"

YOU can increase your sales. We have increased ours

Notice Construction.—Tubing Non-Collapsible,
Bulb in right position.—It appeals to your customer.

RIGHT ARTICLE! RIGHT QUALITY! RIGHT PRICE!

Can you handle a dozen?

Put up for the Drug Trade by

Chandler & Fisher, Limited, Winnipeg, Canada

Importers of Druggist's Rubber Specialties.
We handle full line of Rubber Syringes.

Trade Notes

M. J. Neville is continuing the business known as the Clark Chemical Co., Fort William, Ont.

Sutherland & Baker, druggists, Leduc, Alberta, N.W.T., have dissolved partnership.

D. Woodbridge has sold his drug business at Craik, N.W.T.

F. J. Donaldson has sold his drug business at Sandon, British Columbia.

Dr. Alexis Bouthillier has re-opened his drug store at St. Blaise and also at St. John's, Quebec.

C. M. Vanstone has purchased the drug business of F. J. Braund, Wawanesa, Manitoba.

O. Paquet has purchased the drug business of A. Belanger, Montreal, Quebec.

Frank Smith, druggist, St. Stephen, New Brunswick, is offering to compromise with his creditors.

La Cie Medicale du Lambert, manufacturers of proprietary medicines, has been registered at Montreal, Quebec.

The stock of J. Palmer & Son, druggists, sundries, etc., Montreal, Quebec, was damaged by smoke in a fire recently.

W. A. Thatcher has purchased the drug business of J. Ross, Grand Forks, British Columbia.

Alcide L. Larose has registered as the Moka Kina Co., patent medicines, Montreal, Quebec.

J. P. Boisseau, druggist, Quebec City, Quebec, has assigned, and R. P. Boisseau has been appointed Curator of the business.

The stock of Jos. H. Booth, druggist, London, Ontario, has been sold under a chattel mortgage.

Bowman & Mitchell, of Weyburn, have opened a drug store at Macoun, Assiniboia, N.W.T.

G. D. Shortreed has opened a new drug store at Grand View, Manitoba.

D. S. Morrow & Co. have purchased the drug business of J. M. Sissons, Beeton, Ontario.

Hill & Amos are opening a new drug store at Lloydminster, Saskatchewan, N.W.T.

A. R. McEwen has opened a drug and stationery store at Francis, Assiniboia, N.W.T.

Oscar D. Hanson, druggist and general dealer, Fairville, New Brunswick, has made an assignment.

C. E. Netherby has disposed of his drug business at Vancouver, British Columbia.

J. H. Lines has opened a new drug store at Edmonton, Alberta, N.W.T.

Dr. McEwen has sold his drug business at Hartney, Manitoba.

E. E. Meek, Altona, Manitoba, contemplates selling his drug business.

J. D. McCrostie, druggist, Paisley, Ontario, has made an assignment.

According to "The Commercial" there are openings for a drug store at each of the following places in Manitoba:—Darlingford, Minitonas, Foxwarren, Altamont, the latter three preferably for a doctor, and also at Lember, Assiniboia.

MacGowan & Balfour, druggists of Knowlton, Quebec, have dissolved partnership.

COMPANIES

Jas. Ready, Limited, aerated waters, Fairville, New Brunswick, is applying for incorporation. Authorized capital, \$50,000.

The Rex Remedy Co., Limited, manufacturers of patent medicines, has been registered at Montreal, Quebec.

A firm at Victoria and Port Renfrew, West Coast of Vancouver Island, has commenced the manufacture of writing inks, metal polish and bluing for washing purposes. The Trade Gazette, of Calgary, understands that the company owns a deposit of tripoli, called in England rotten stone, of excellent quality and large dimensions, situated at Port Renfrew on the West Coast of Vancouver Island.

La Cie Medicale du Lambert, manufacturers of proprietary medicines, has been registered at Montreal, Quebec.

MONTREAL NOTES

A new by-law has just been put into force in Montreal requiring all retail stores to close up at 7 p.m. on Wednesdays and Thursdays. Two test cases have been taken into court. Many lawyers say the Municipal Council has not the power to pass such an arbitrary by-law. There is no doubt there will be numerous sufferers as many retailers get much custom after the departmental stores are closed. Of course chemists' shops are exempted.

Mr. Ledoux, an enterprising pharmacist of 1,343 Ontario street, had his place burglarized a few nights ago. His loss was not large.

The pharmacists of this province are watching with great interest the action of the number of great patent medicine proprietors who have gone into the serial numbering and contract system in the United States in order to insure their goods being sold at the advertised prices.

Many pharmacists are asking themselves why Wells, Richardson & Co., the Peruna Company, Wampole, Wyeth Brother & Co., J. G. Ayer & Co., and numerous other firms do not energetically go into the price protection movement in Canada.

Recent discussion has shown conclusively that if the proprietors desire to do what is right they can easily have their goods sold at the prices marked on them. To permit their medicines to

be looked upon as mere merchandize to be sold at any price their agents think they are worth is very bad policy.

The most powerful weapon the patent medicine barons can wield is to refuse to give contracts for advertising unless the clause preventing the paper from opening its columns to cutters is inserted. A few days ago Carter's liver pills were advertised at 25 cents and in the same city and same paper a cutter was advertising them at 15 cents.

The examinations for the Certified Clerk's Certificate and the Licentiate's Diploma of the Pharmaceutical Association of the Province of Quebec takes place in Montreal on the 10th of April for the written. The examiners will be the same as at the last examinations.

The question of selling the present College of Pharmacy and buying larger premises elsewhere is still on the tapis. The old heads counsel extreme care in this ticklish operation. In view of the small number of chemists in this province compared with the large number in Ontario it would be wise to move slowly.

At the last meeting of the Council of the Pharmaceutical Association it was decided to place the annual subscription, which is obligatory, at the sum of \$6.00 in place of \$10.00 as hitherto.

Mr. L. R. Baridon died on the 13th March, at his residence, 506 Victoria Avenue, Westmount. Mr. Barridon carried on business as a druggist at the corner of St. Denis and St. Catherine Streets for a number of years and sold out to Mr. Gagnier, the present occupant. Quite recently Mr. Baridon purchased the business of Mr. Dacier at 837 St. Denis Street, corner Duluth Avenue, where he occupied himself principally with certain specialties. His funeral service took place at St. Matthias Church, Cote St. Antoine Road. Mr. Basidon was a member of the Church of England.

The case of Wampole versus Cummings is creating excitement in drug circles. If the defendant has really used the formulae of his late employers to ingratiate himself with another firm it is a serious offence against public morals. If the right to do so were admitted no druggist would be able to trust a clerk to make his specialties. Of course it happens occasionally that a dishonest clerk gives his employer's private recipes to another druggist with whom he may be friendly, but an observant employer soon finds him out.

The man who is able to take advantage of the cash discount is the king bee of any business; yea, and he shall gather up and shall eat of the honey which he hath gathered. The moth of idleness doth not annoy him and the paw of the catalogue house bear shall not disturb his hive.—Ex.

THE TRADING STAMP

The large railway committee room in the Parliament Buildings, Ottawa, was crowded on March 9, by the Merchants' delegation to meet Sir Wilfrid Laurier, Sir William Mulock, Mr. Fielding, Mr. Hyman, Mr. Fitzpatrick, Mr. Prefontaine, Mr. Brodeur and Mr. Fisher for the purpose of pressing the legislation to abolish what they call the trading stamp nuisance. The party included about 350 Montrealers, who came up in a special train, with 50 from Quebec, as many from Ottawa, 25 from Toronto and more from other places. Mr. Gervais, M.P., introduced the party. He spoke of the size and representative character of the deputation and condemned as a commercial nuisance the trading stamps. The plan of operation was described by the speaker, who stated that they created a restraint of trade in violation of the law. There was some question as to the sufficiency of the law, however, and hence the delegation. The stamps had been legislated against by the legislatures of Ontario and Quebec, and some of the courts upheld the constitutionality of their laws. There were appeals pending, however, and it was thought that only Dominion legislature could effectively reach the evil.

Mr. Geen, druggist, of Belleville, president of the Retail Merchants' Association of the Dominion of Canada, spoke of the evils of the system. Only some traders were allowed to use the stamps in a town, which worked to the disadvantage of the others. The stamps were fostering the desire for getting something for nothing, and so working harm to the country as well as to the merchants, including those who used the stamps.

Mr. Major, delegate of the Quebec Board of Trade, said the stamps were doing more harm than the lottery, and that the Quebec Board of Trade was heartily and strongly in favor of their abolition.

Mr. T. O. Caron, of the syndicate of Montreal merchants, spoke with much effectiveness. The 10-cent trading stamp, he said, only represented half a cent in value. It was harmless to outward appearance. It looked like velvet, but as in the case of the cat, under the velvet were claws that were tearing out the life of the retail dealer. The wholesale trade, he said, was united with the retailers in the effort now being made to suppress the evil. He asked for legislation which would wipe out the coupon, the cash receipt and the trading stamp.

Mr. Brault, of the Montreal Chambre de Commerce, spoke briefly in support of the object of the delegation, and Mr. Gervais read the resolution of the Board of Trade in the same connection.

First Reason

(THERE ARE OTHERS COMING)

**Why You Should Always
Use**

**BOWDLEAR'S
W.H.B. WHITE WAX**

The W. H. B. WHITE WAX is all BEESWAX from the beginning

Scrutinizing care being ever used in the selection of the raw material by experienced men who have made it a business for thirty years. It is bleached by exposure to the sun and the rain for several weeks, without the use of chemicals in any form, name or nature.

W. H. Bowdlear & Co.
Boston, U. S. A.

Telegrams: Tyrer, Stratford, London. A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, Limited

Manufacturing Chemists
STRATFORD LONDON
ENGLAND

GOLD MEDAL

ST. LOUIS, 1904

Bismuths Ethers
Mercurials Hypophosphites
"STERLING BRAND"
PURE
ACID PHOSPHORIC

(Made from Phosphorus)
All Strengths
And all kinds of Pure and Technical Chemicals
GUARANTEED FREE ARSENIC

Enquiries solicited from **INVENTORS, PATENTEES, etc.**

Thomas Glover & Son,
Carlton, Nottingham, Eng.

Our firm is the OLDEST, LARGEST, CHEAPEST and BEST. Enjoying reputation of 60 years, for the manufacture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

Elliot's Soluble Creosote

Soluble Creosote stands in the front rank of disinfectants. Its usefulness is well-nigh universal as a disinfectant, germicide and purifier.

For dipping sheep one gallon is used in 80 gallons water (in which it is perfectly soluble), so that it will be seen that one gallon sold for \$1.50 (yielding 150 per cent. profit), produces Dipping Fluid at the rate of 75 cents per barrel of 40 gallons—less than 2 cents per gallon. Disinfectant of the strength of 1 per cent. would in the same way cost the user 1½ cents per gallon.

Sold in 10 oz. bottles at \$1.80 doz.; 24 oz. bottles at \$3.60 doz., and in bulk at low rates.

IT WILL PAY—PUSH IT

Circulars supplied.

Cream Tartar

(E. & Co., 98%)

Potass. Cyanide

(98.99%)

Atkinson's Tooth Paste

Hedley's Ethyl Chlor.

50 gr. (Anto.)

Wilson's Invalid Port

Triangle Food

Formaldehyde

Zodenta Tooth Paste

Potass. Bromide, etc.

E. & Co. Absorb. Cotton

(All Sizes)

Bioplasm

Sal-Lithin

Herpicide

Eyerine

Eye-Fix

Security Soothers

Moth Balls

Moth Bags

Massage Creams

Massage Cups

Po Sabadilla

Eureka Caustic

Balsam

E. & Co. Velvet Talcum, 10 Cents—Highly Perfumed

Tobler's Milk Chocolate

**Elliot's Carbolated Non-Poisonous
Sheep Dip (Solid)**

It's merit is the sole cause of its large sale—it is perfectly efficient, safe, economical and clean.

One pound dips 20 sheep. No leaky tins—it is solid. 1-lb. tins \$2.00 doz., 5-lb. tins \$7.50 doz.

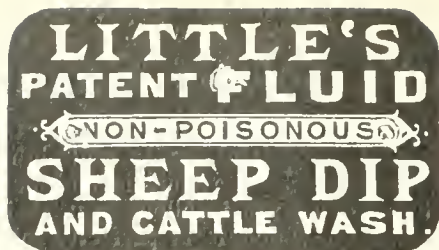
Spring Goods

We invite your advance orders for Insect Powders (E. & Co.), Hellebore, Moth Balls, Moth Bags, Paris Green, Bluestone, Fly Pads, Tanglefoot, etc., etc.

Yours faithfully,

The ELLIOT & CO., Limited

5 Front St. East, Toronto



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt "The Ideal Plaster"

Ankers' Bouillon Capsules

✱ Evans' Coughnomores ✱

4 lb. bottles.

Evans' Special ✱ Norway Cod Liver Oil ✱

EVANS AND SONS
Limited

MONTREAL NEW YORK TORONTO

Mr. Ethier, K.C., spoke of the trading stamp system as having for its purpose the giving to a few people, and possibly to one person, the monopoly of trade. Mr. Ethier further described the legal situation in Montreal, where the constitutionality of the city by-law, passed by virtue of the provincial law, was being contested in the courts. He said the evil of the trading stamp system was worse than that of the lotteries, which Parliament had abolished. A federal law that would provide imprisonment for the use of trading stamps was what was needed, provincial laws that could only punish by fine not being sufficient.

Mr. Sumner (of Hodgson, Sumner & Co., spoke for the Wholesale Dry Goods Association, and Mr. Herbert (of Hudson & Herbert), spoke specially from the point of view of the wholesale grocery trade in condemnation of the trading stamps.

Mr. E. M. Trowern, secretary of the Retail Merchants' Association, said that an amendment to the Criminal Code to abolish the nuisance would be the most popular legislation the Government could pass. He had, he said, 67 resolutions passed in various parts of the country praying for legislation to end the coupon and trading stamp system by making the use of them a criminal offence.

Sir Wilfrid Laurier, in reply to a request from Mr. Gervais to say what the Government would do, promised that the Privy Council would at once take the matter into earnest and serious consideration. Before this he assured the delegates that he and his colleagues could not but be strongly impressed by the size and evident earnestness of the delegation. He intimated that the other side had also been heard from and that its views would have to be considered. However, the Government would do its duty and it, as has been represented, the trading stamp is a lottery in disguise, it would be its duty to take action. Mr. Ethier had prepared a draft of a clause to meet the case and it would be considered.

CANADIAN RUBBER CO.

The annual meeting of the Canadian Rubber Company, resulted in the unanimous acceptance of the annual report, which was considered very satisfactory.

The old board of directors was re-elected, and the same officers will serve again. The directorate is as follows:—Sir Montague Allan, president; Mr. J. B. Learmont, vice-president; Mr. C. F. Smith, Lt.-Col. Henshaw, Mr. H. Markland Molson, Lt.-Col. Prevost, Mr. Hugh Allan, Mr. Andrew A. Allan and Mr. Alfred Piddington.

Dr. D. Lorne McGibbon, under whose management the company has been so successful, will continue as general manager.

Speaking of the high price of crude rubber, Mr. McGibbon stated that it was never so dear in the history of the rubber trade, and there was every prospect that it would remain where it was for months to come.

PROTECTION OF TRADE MARKS

The London "Times" of February 6th, in its Financial and Commercial Supplement, says:

"Where formerly merchants were quite helpless against Brazilian counterfeiters, the new law enables them to effectively prosecute for the imitation of their trade marks. They can do so even more easily if they become members of the Sociedade União Industrial contra a Contrefacção whose chief purpose is to discover falsifiers of products and marks, and prosecute them through a first-class lawyer versed in these matters.

"In this way the Apollinaris Company, Ltd., of London, have recently been enabled to re-establish their trade mark rights most effectively. As one of the earliest supporters of the society, the widespread abuse of their well-known trade mark has been radically checked, and extensive seizures of falsified Apollinaris Water have been made in a number of restaurants, shops, etc., in Rio de Janeiro. Other merchants can obtain like benefits by applying for membership in the Sociedade União Industrial contra a Contrefacção who undertake all the necessary work."

ADVERTISING ADVICE

We call the attention of proprietary medicine and drug store advertisers to the advertisement of Dr. Covey on another page.

As a medical and medicine publicity expert Dr. Covey has few equals. Much of his business comes from advertising agencies and other publicity promoters, who seek expert assistance from him as an authority in his special line. A graduate of five medical colleges and a pharmacy school; having taken courses in journalism and ad-writing; then supplemented this training with an extensive "advertising agency experience"; Dr. Covey is particularly well equipped and fitted for the business in which he is engaged. Some years ago he established an office of his own as special adviser regarding all manner of and writer of medical publicity literature.

Dr. Covey does not deal in space or place advertising. He advises regarding all manner of medical publicity, plans and outlines campaigns, prepares all needed literature for them, then turns the detail executive work over to the individual or agency. This very feature of limiting his work to devising plans, preparing copy, and advising as to mediums and territory for

its exploitation renders Dr. Covey's services especially valuable. A space broker may be biased in favor of the publications yielding him the greatest percentage of personal profit; but as Dr. Covey has nothing to sell except his advice and labor, deriving no gain from the placing, naturally his advice is wholly in favor of his client. We heartily commend Dr. Covey's services to those looking for safe advice and the very best of medical publicity copy.

LACTO-GLOBULIN

Most of our readers are already familiar with the name of Lacto-Globulin—the new food which is being marketed by the company of the same name, at Montreal. It is absolutely necessary that every druggist, as well as his assistants, should have an intelligent idea of the nature of products which they handle, and particularly is this true of the numerous foods. Most druggists when they are asked as to the value or otherwise of a proprietary article, merely content themselves by stating in a perfunctory manner that they presume it is a good thing; but a little intelligent discrimination in the recommendation of proprietary articles frequently results in giving the customer better satisfaction, and in assisting to build up the reputation for intelligence which every pharmacist should be glad to have and to maintain, and this is only possible where the pharmacist has some knowledge of the principles which are involved and upon which the special claims of the article in question are based. With this object in view we are glad to be able to give a few points about a food which is attracting very considerable attention among the medical profession throughout Canada, and is gradually making its way in the U.S.A. and Europe by force of the great advance which has been made in dietetics through the scientific discoveries which have led to this production.

It is a well-known fact that the sterilization of milk destroys certain intangible substances, the loss of which renders the milk, after sterilization, less digestible and less easily assimilable than before sterilization. Within the past three years it has been shown that milk, fresh from the udder, contains pepsin, trypsin, a diastatic ferment, a glycolytic ferment, and, in fact, all the various ferments of the digestive tract that are reproduced in the blood and muscles of all living animals.

The extreme dissatisfaction in which extended trials of prepared foods have ultimately resulted, is principally due to the fact that the processes by which they are manufactured render them sterile and consequently not so easily susceptible or attractive to the digestive fluids of the organ-

ism. Pawlow, the great Russian scientist, who was awarded the Nobel prize last year for his discoveries regarding the action of the digestive fluids, definitely established the fact that the more a food approximated to its natural condition, the greater was the flow of digestive fluids attracted by this introduction into the stomach. While Pawlow has merely succeeded in complementing the discoveries of Beaumont and others, he has elucidated many mysteries of digestion, and has completely confirmed the various theories advanced by the more modern French, German and Italian scientists as regards the functions of the enzymes of the digestive tract. Dr. Lesperance, of Montreal, a former pupil and collaborator of the famous Gauthier of Paris, has been a deep student of the subject of milk for many years, and Lacto-Globulin is a practical result based upon all the various discoveries that have been made in recent times.

Every student of physiological chemistry knows that the body cells are made up of albumen and phosphates, and that these elements are the basic nourishment of all life. While a food in order to be perfect must contain a proportion of sugar or starches and fats, it is valueless if it contains no proteid and no salts. On the other hand there are cases where sugars and starches, and also fats, are superfluous or even deleterious. In Lacto-Globulin the basic elements are found in their purest and most easily assimilated state,—the casein of the milk has been physiologically transformed into a globulin, that form of albumen which is most closely allied to the albumen of the blood, and in which form all albumens are absorbed by the epithelial cells. There is a strong proportion of the phosphates of sodium and potassium, the latter of which has a peculiar therapeutic value in maintaining the alkalinity of the blood.

While these two elements are chemically all-important to the maintenance and regeneration of the cell-structure, they would be comparatively valueless except for the healthiest and strongest digestion if the food were sterilized. But by a careful, calculated process the natural enzymes of the fresh milk are retained in concentrated form, and it is owing to this all-important feature that Lacto-Globulin is physiologically different from any other concentrated food although approximating chemically to several other products, such as plasmon, and other milk products. It is owing to this peculiar process that Lacto-Globulin has been shown to be, in clinical practice, the most easily assimilated and most readily retained food known. As a matter of fact it will be retained when even cold water is rejected, and it produces no gastric or intestinal irritation when its use is extended over a long period of time. Our readers may also have

1905

Another Big Year Ahead!

Improve your store and get your share of business.

LUXFER WINDOW AND SIDEWALK PRISMS.

The best improvement for business premises.

SEND FOR INFORMATION.

THEY MAKE DARK PLACES LIGHT.

STORE FRONTS OUR SPECIALTY.

Luxfer Prism Co., Limited

100 King Street West, TORONTO, Canada

ATTENTION!

Advertising Physicians, Druggists, Opticians, Dentists, Veterinarians, Hygienists, Physical Culturists, Pure-Food Promoters, Sanitary Clothing Dealers, All Manner of Medical Lecturers, Patent or Proprietary Medicine Firms and Mail Order Remedy People

I am a techno-literary purveyor of medical publicity matter—a specialist in medical **ADVERTISEMENT WRITING.**

Cards, letterheads, "write-ups," "prints," lectures, circulars, pamphlets, books of any size, designed, written, illustrated. Will also revise, correct, edit; make presentable, artistic, scientific and "fetching" the work of authors or of other advertisement writers who lack technical knowledge or training for any branch of the medical advertising art. Exclusively medical work. My mission is to bring business to

MEDICAL AND MEDICINE MEN.

If you are a medical or medicine advertiser and wish to secure correctly constructed publicity matter that will create a demand for your services or medicaments, I can help you. Any medical print prepared. Will superintend printing and furnish plates if desired. Publicity matter I write will be read,

IN FISHING FOR BUSINESS

Much will depend on the quality and disposal of your lines. If they are not strong enough, or of proper texture and color, let me prepare some for you. So long as you play them with a medicine bait, I can do much to assist you to

SECURE A GOOD CATCH.

Send me samples of your present literature and I will suggest improvements. To cut purse strings "ADS MUST HAVE EDGE," if yours are not sharp enough, have an expert grind them for you.

Correspondence invited.

C. EDSON COVEY, B. Sc., M. D.
388 E. CHICAGO AVE. CHICAGO, ILL., U.S.A.

— THE — Picture Post Card House OF CANADA

(Established 15 years.)

WE make special series of Souvenir Cards for every locality from photos supplied by customers, and guarantee the finest finish to be had.

300 different Canadian Post Cards, and a large assortment of Fancy Cards ready for immediate delivery.

Write for Samples and Prices

The Montreal Import Co.

17 ST. JOHN ST. - MONTREAL

Australian SHEEP DIP

AND

CATTLE WASH NON-POISONOUS

Australia Sheep Dip Co., Sydney, Aus.

Sole Proprietors and Manufacturers.

AGENTS FOR CANADA:

KERRY, WATSON & CO.,

Montreal and London, Canada.



Note

Our traveller, Mr. Uttley, will very shortly be calling upon you with the choicest selection of

CHRISTMAS CASES

and Novelties we have ever issued!

KINDLY RESERVE
YOUR ORDERS

until you see him,

HE WILL NOT
DISAPPOINT YOU!

THE
CROWN PERFUMERY CO.

LONDON
PARIS
VIENNA
BERLIN
COPENHAGEN
NEW YORK, Etc.



noticed that on every package is printed plainly on its outside wrappers an exact analysis of the contents, made by one of the most reputable analytical chemists in Canada, and we are informed that this analysis has been confirmed by Prof. Ruttan, of McGill University, as well as by Milton Hersey, the well-known scientist, of Montreal.

The Lacto-Globulin Company are prosecuting their work entirely among physicians and hospitals, and while this method may possibly show slower results to the trade, they are working up a steady sale, which is gradually increasing. Their goods are marketed under the serial number contract plan, and they are working in the interests of the trade both here and throughout Canada. Thorough clinical tests have proved the high value of this food in tuberculosis, in Bright's disease, in typhoid fever, in all derangements of the gastro-intestinal tract, and as an adjuvant to the treatment of all forms of malnutrition and mal-assimilation, such as nephritis, arterio-sclerosis and similar interdependent maladies.

H. K. WAMPOLE & CO., AND THE PRICE RESTRICTIVE PLAN

The recent decision given by the courts in the matter of Wampole vs. Lyons, which we recorded in a former issue, has caused Messrs. Wampole & Co. to annul the agreement entered into with the price restrictive committee and seek a form of agreement which will prove better adapted from a legal point of view at least of meeting the requirements of the case. This, we are informed, has now been prepared and consented to by both parties to the agreement and Wampole & Co. state their continued adherence to the tripartite plan as set forth in the latest form of agreement.

We have been requested to insert the following communications showing the position of all parties in the matter:—

Toronto, March 20, 1905.

Mr. John Hargreaves,

Chairman "Price Contract Plan Committee."

Dear Sir,—We beg to acknowledge the receipt of your letter of the 16th inst.

As intimated to you in a previous communication, we are quite willing to continue our popular selling preparations, such as our Cod Liver Oil Preparation, Formolid Solution, and Formolid Cream, on the "Contract Plan," but not unless your Association (which we understand is the only representative Association of the Canadian Retail Drug Trade in existence) agrees to either defray one-half ($\frac{1}{2}$) the cost of any legal proceedings we might hereinafter institute, or else agrees to defray the entire cost of legal proceedings in the event of such proceedings resulting in our defeat.

We consider this agreement eminently fair to both sides, and do not agree with your statement, i.e. to the effect that the "Price Contract Plan" benefits the firm who adopts it (such as ourselves) a hundred times more than it benefits the retail trade—~~if anything~~ (viewing the matter from our own experience) the reverse is the case.

We were much surprised to find that the Editor of "The Canadian Pharmaceutical Journal," who, we believe, is a member of your Committee, should publish in the current issue of the journal what he does in connection with this affair.

It seems to us that, as a matter of justice, after our letter of the 9th inst. (and which letter he knew about) he should have either published nothing or published only his postscript to the article entitled "Wampole and the Contract Plan."

We resent this action on the part of Mr. Gibbard and beg to hand herewith a copy of a letter which we are sending to him in this mail. If this letter is not published in the next issue of his journal a copy of it will be sent to every retail druggist in Canada.

Yours faithfully,

(Signed) H. K. Wampole & Co.

March 20, 1905.

Mr. Geo. H. Gibbard,

Editor of "The Canadian Pharmaceutical Journal,"

Cor. King and John Sts., Toronto.

Dear Sir,—We are much surprised to read in the current issue of your Journal two (2) articles in connection with the "Price Contract Plan," which, although technically correct, are so misleading, and in consequence so unfair to ourselves, that we cannot refrain from taking notice of them by writing to you.

These articles will place us in a false light before the entire drug trade of Canada and we would ask you, in justice to ourselves, to publish this letter in the next issue of your Journal.

We admit that technically, but only technically, we were in error in stating in a circular sent out to a few druggists in Toronto and vicinity (we immediately discontinuing the distribution of them after interviewing a few members of the "Price Contract Plan" Committee) in discrediting the legality of the "Contract Plan" as a whole.

Although we have no faith whatever in the legality or anything else in connection with the particular agreement which, with reference to a few of our preparations, has been in force during the past two (2) years, we are more firmly convinced than ever that this particular agreement is faulty from a legal aspect, and in consequence we have no apologies to offer for the circular a-

few copies of which were sent out, other than in error discrediting the legality of the "Contract Plan" as a whole—in this respect our letter might have been misleading, but, as a result of the muddle and complications in the Montreal courts, one could hardly wonder at the opinion we entertained and expressed. We do not think that yourself, or one business man in a thousand, would have acted differently than we did with reference to the Lyons' suit.

After asking before three (3) Judges (all in separate courts) for an injunction, we were turned down on some technicality or other; so, with such a preliminary experience what could anyone expect if the case would have gone to trial.

Evidently you are unaware of the fact that statistics prove that in ninety (90) per cent. of the cases in which an injunction is asked for and refused, the issue at a trial is unsuccessful to the plaintiff.

The particular agreement which covered our preparations on the "Contract Plan" we firmly believe, as before stated, to be illegal; we believe it because in three (3) courts an injunction was refused; because the solicitor of the Retail Merchants' Association not only admitted the agreement was faulty, but advised us to not go further in our litigation with Mr. John T. Lyons; and because a leading Montreal lawyer, who is a professor at McGill University, stated, after a thorough examination, that he did not think the agreement would stand the test of the courts.

It seems to us that you, or any other Editor, who is supposed to give an impartial statement of facts and allow no bias of any kind to enter into his writings, should have published the facts just outlined in addition to what you did publish, and besides have published the fact that the particular agreement above referred to was compiled by the solicitor of the Retail Merchants' Association and not by ourselves; that the lawyers who looked after our interests both in Toronto and Montreal were suggested to us by the General Secretary of the Retail Merchants' Association, Mr. Trowern, and that this one suit alone has cost us to date nearly two thousand dollars (\$2,000).

We have no disposition to state what is not true, publicly or privately, and much less have we any disposition to antagonize the retail drug trade, inasmuch as it is essential to our business welfare to cultivate and maintain their good will. We certainly do give the "Drug trade in Canada" credit for some horse sense and penetration; we also give them credit for being fair-minded, and this particular feature in connection with yourself is not very evident in so far as the two (2) articles in the current issue of your Journal are concerned.

In conclusion, therefore, we resent the publica-

tion of and take a most decided exception to these articles.

Yours faithfully,

(Signed) H. K. Wampole & Co.

THE FORMULA ON EACH BOTTLE

We learn from the daily press representatives who have interviewed Dr. Stowell, the general manager of the J. C. Ayer Co., Lowell, Mass., that it is the intention of the company to have the formula of Ayer's Sarsaparilla appear on each bottle. The Doctor says: "The J. C. Ayer Company has nothing to hide. We know our medicines are good. We simply take the public into our confidence and frankly tell them just what they are getting for their money. That is all there is about it."

This new departure in the patent medicine business will be watched with interest, and no doubt will lead to the same idea being adopted by many other manufacturers. The formula as given out by Dr. Stowell is as follows:—

FORMULA OF AYER'S SARSAPARILLA

Each fluid ounce represents

Sarsaparilla Root.....	10 grains
Yellow Dock Root.....	8 grains
Licorice Root.....	8 grains
Buckthorn Root.....	4 grains
Burdock Root.....	3 grains
Senna Leaves.....	2 grains
Black Cohosh Root.....	2 grains
Stillingia Root.....	4 grains
Poke Root.....	1 grain
Cinchona Red Bark.....	2 grains
Iodide of Potassium.....	4 grains

Solvent—Alcohol, 10 and $\frac{1}{2}$ minims to each fluid drachm; glycerine; syrup; water.

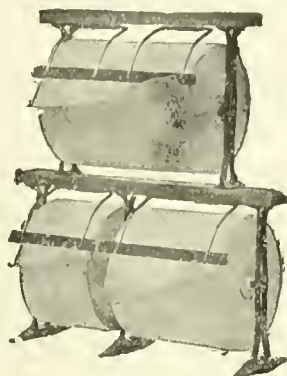
It is claimed that "over three months are required to prepare the sarsaparilla for the market," and that this together with "the expensive apparatus used" will deter the general public from attempting to prepare it for themselves.

EVERLASTINGLY AT IT

That's the way to create a large demand for a proprietary article. Advertise, and keep everlastingly at it. For the last four years the advertising of Wilson's Fly Pads has been largely increased each season, and all told about six hundred and fifty newspapers will be used this coming summer. The demand will also undoubtedly be much larger during 1905 than ever before.

Get rich quick. How? It's easy. Deposit on the first day of the month one cent in the bank, the next day two, the next day four, and so continue to do, doubling each preceding day's deposit for 30 days, and when you make your last deposit you will have in the bank \$10,737,418.23. See! Easy, ain't it?

Everything FOR THE Drug Trade



WRAPPING PAPER

Something in use every minute of the day. Ours is the "SPECIAL," kind, made specially for druggists. Costs no more than the ordinary and is much safer for drug purposes. We handle it in 6, 9 and 12 inch rolls.

We Supply Cutters Also—Like the Cut Shown Here.

POWDER PAPERS

In boxes of 1000, at prices cheaper than they can be cut from ordinary paper.

MOIST PROOF POWDER PAPERS

For Seidlitz Powders and for dispensing hygroscopic substances used by high class Pharmists, and for fine dispensing trade.

LISTEN

Our Mail Order is VERY Large. Why? Because we "DELIVER THE GOODS"

The **DOMINION DRUG CO.**
LIMITED

HAMILTON, ONT.

Burnett's Breathlets

You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

"TANGLE FOOT" Sticky Fly Paper



is really the only device known that will catch and hold both the fly and the germ and coat them over with a varnish from which they cannot escape, preventing their reaching your person or food.

Tanglefoot is sanitary.

Ask for **Tanglefoot**.

Profit? Over 120% to You

Sterling Suspensories

THE STERLING SPECIAL—Silk, New Design	Retails \$1 00
" " No. 1—Silk (Understrap)	75
" " No. 2—Silk and Linen (Understrap)	50
" " No. 3—Cotton (Understrap)	25
" " No. 4—Silk, J. P. Style	50
" " No. 5—Lisle, "	25

The Sterling Suspensories we believe to be the finest line in Canada. If you drop us a card we will quote you our special prices, and **prepay** postage on a sample set.

SAUNDERS & EVANS, Limited

81 WILLIAM STREET - TORONTO

Note Trade Mark

THIS IS THE ORIGINAL PREPARATION IN LIQUID FORM



CANT BE BEAT

CARPENTER'S

Water-proof Liquid

COURT PLASTER

Heals Cuts, Burns, Wounds and all Abrasions of the skins

It is an invisible, water-proof, pliable, antiseptic, germ-destroying plaster, healing rapidly. WE OFFER \$1,000.00 for every drop of COLLODION Acid, or Gun Cotton found in this preparation.

Toilet Size 10c.

Physicians' Size 25c.

Ask your JOBBER for it. Manufactured by

CARPENTER CHEMICAL CO., Detroit, Mich., U.S.A.

A CHEMICAL TRIUMPH

"JAPANESE"

BRAND

WRITING INKS
AND MUCILAGE

ARE A TRIUMPH OF
MODERN CHEMISTRY

They're Perfect

MADE IN CANADA

THE COLONIAL INK CO.,
LIMITED

PETERBORO' = CANADA.

JUST PUBLISHED.

Price 7/6. net

SQUIRE'S Pocket Companion

To the British Pharmacopœia

"The author of the new volume must be congratulated on having produced a closer approximation to the ideal medicine book in small compass than has yet existed."

—*Pharmaceutical Journal*, May 21st, 1904.

"In conclusion it is only necessary to state that the 'Pocket Companion' is one of the best and cheapest books of its kind ever offered to medical men and pharmacists."

—*Pharmaceutical Journal*, July 9th, 1904.

"The adaptation of material to the smaller setting has been effected with great discrimination. The author has retained just those features for which the 'COMPANION' was most frequently consulted by medical men."

"The author is to be congratulated upon the thoroughly practical value of all that relates to dispensing and prescribing."

—*The Lancet*, August 13th, 1904.

"The prescribing notes have been largely extended, and should prove of great value; they are thoroughly practical, and have the advantage of having been compiled from the results of experiments instead of from 'arm-chair' work."

British Medical Journal, October 1st, 1904.

J. & A. CHURCHILL, 7, Gt. Marlborough Street, London W.
ENGLAND.

ROUGH ON RATS

TRADE
MARK



UNBEATABLE RAT EXTERMINATOR.

Established and safely used 30 years. The standard Rat, Mouse, Cockroach and Bed Bug Exterminator of the World. The most extensively advertised and the largest sale of any Exterminator on earth. Gives universal satisfaction everywhere.

Rough on Roaches and Ants

Non-Poisonous—15c, \$1.20 doz; 25c, \$2.00 doz

Rough on Fleas Powder, 25c, \$2.00 doz
Liquid, 25c, \$2.00 doz

The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

Rough on Bed Bugs Liquid, 15 & 25c
\$1.20 & \$2.00 doz

Rough on Moth and Beetle 2 lb. cans
35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, 3% gross, and over 10 per cent discount and freight paid. For cash with order 2% per cent. may be deducted.
E. S. WELLS, CHEMIST, JERSEY CITY, N. J.

SPECIAL

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C. CALVERT & CO.

(OF MANCHESTER, ENG)

807 Dorchester St. = MONTREAL

NOVELTIES IN LEATHER GOODS

While the spring season, as a rule, sees the advent of numerous novelties in small leather goods, this year seems likely to be an exception to the rule, the tendency in the trade, apparently, being to be content with present styles, and only minor variations in treatment are being attempted. The hand bag, in various styles of construction and material, is in the height of its popularity and is likely to continue so for some time to come.

Among the styles that will be frequently asked for this season is the "Vanity Bag," which last year met with such approval from the fair sex.

The dainty silk lining, tiny mirror, powder puff, vinaigrette and other items that complete the necessaire lend a tempting charm to an indispensable dress accessory.

A noticeable and significant fact in connection with spring lines is the further enhancement of values. Higher grades have usually been reserved for the gift season, but makers this year are increasing their lines of high priced goods, in more elaborate fittings, trimmings and novelty leathers. Continued prosperity and a more appreciative recognition of the beautiful combined with augmented purchasing power has stimulated production along lines of more costly materials and workmanship.

While 1905 styles in their essential features remain practically unchanged, there are not wanting those minor variations in detail of treatment that lend an element of novelty. This is more apparent in lines where originality and skill of designers impart an exclusive character. Probably the most important changes are found in handles and frames. The braided style has been largely displaced by the triple handle, which approaches more closely that used on an ordinary traveling bag. The under side is flat with turned edges and a round strip of leather in centre of upper side. It is affixed to frame with swinging metal caps, as in Vienna handles. Plain double strap handles are also used freely, attached to side of bag an inch or two below frame, by buckles, some of which are pearl.

Frames are largely covered, either plain or inlay. Some of the newest are faced with celluloid in ivory effect. Sometimes a leather frame has an edging of silver or gilt wire along top. A new fastening is applied to side of frame, and consists of two pins, one of which slides to release catch. This device enables the holder to open bag with one hand by merely pressing the pin and pulling frame at same time.

The safety bag promises to be a good seller for the coming season, and there are a number of devices designed to prevent loss from bag opening

on the street. This is a serious disadvantage with the ordinary snap fastening and any improvement which will obviate the difficulty will doubtless find ready sale. One of the latest creations in this line is a strap handle bag having a bar attached to two straps on opposite side. This slips over the main handle when bag is closed and effectually holds the bag closed until released by the owner.

Some uncertainty exists as to popular sizes in bags for spring. The extreme sizes are not selling so freely as formerly, and the trade appears to favor a medium size. Flat and narrow shapes are in greater request. Suede linings are also more in favor, although silk is still largely used. Fittings, except in the Vanity style, are less elaborate, the tendency running more to simple treatment, confining interior arrangements to a purse, card case, etc.

The "Waldorf" is one of the high grade creations in the Vanity class especially adapted to the fine trade. In construction it differs considerably from other bags. There is a centre compartment with frame and two sides without gussets, and dropping down, permitting free access to the various fittings and small compartments. On one side are stamp and gusseted pockets, and on the other a mirror, powder-puff, scissors, pencil, etc. The centre pocket is chamois lined and outside flaps of calf. It has a square frame, Vienna handle and caps, gold-plated frame, and comes in all leathers, including snake, lizard and Japanese.

A new treatment of the corded effect is seen in several new styles adapted from French models. On the face of the bag are parallel and curved rows of raised leather stitched on each side with colored silk. The cords run usually vertically, but are also arranged in diagonal and curved lines to give variety. The bright colored stitching in green, red, yellow, etc., lends a pretty contrast and brings out the corded effect in bold relief.

A radical departure in bag construction of the Vanity class has an independent opening at top and directly under the handle for more convenient extraction of purse. A leather flap folds over and fastens to side by a snap fastener. The outside or main flap is deeper than usual, extending nearly to bottom of bag, and the top flap comes down about half way.

Happy is that dealer who hath his accounts well secured; yea, happier is he that hath his money in the bank against the day of settlement.

If you are shrewd, remember there may be others. This fact alone, if there is no higher motive, may save you from overreaching yourself some time.

PRACTICE BECOMES HABIT

It is admitted by all live business men that substitution is one of the crying evils of modern trade methods. The practice of persuading a customer to buy something that yields the greatest profit may give momentary satisfaction, but regarded in its most favorable light, it cannot be accepted as a trade-builder. No man is discriminating enough to be able to tell when and where not to apply it. It is a practice, too, that becomes a bad habit, quietly ingrafting itself into a man's methods of doing business until it lessens his chances for trade. It leads many a man to attempt to place a substitute for a well-known article like "Baby's Own Soap." The average person knows the quality of this soap and is irritated by having even to refuse something else.

HOW TO DRAW TRADE

Dealers wishing to draw attention to their stores will be interested in the large advertisements of "Apenta" Hungarian Aperient Water which the Apollinaris Co., of London, is placing in the daily papers of the large cities. The public while its interest is aroused by the newspaper advertisements, will stop to look at window displays of "Apenta" and thus be attracted to the store.

Effective show cards will be furnished free by Messrs. Walter R. Wonham & Sons' Montreal, Que.

INSECT POWDER AS A PROTECTION AGAINST MOTHS

Under the caption "Protection Against Moths," the Parfumeur says: (Nat. Drugg.)

Of all means of protection against these pests the ordinary insect powder, Persian or Dalmatian, stands at the head. This, as is well known, consists of the powdered flowers of *Pyrethrum carneum*, the Persian, and *Pyrethrum roseum* and *cinerariae fol.*, the Dalmatian. The latter is now almost exclusively used, although usually asked for under "Persian Insect Powder."

The efficacy of the powder is dependent upon the freshness of the bloom, and especially upon the fineness of the powder. The flower should still be closed and it should be reduced to the finest possible powder.

In buying insect powder one should not be influenced by the cheapness of price. The cheaper qualities are largely made from the ordinary varieties of *chrysanthemum* flowers, or consist of this powder mingled with the genuine in varying proportions. The latter fraud is very difficult to detect, as the difference in color, which would,

under ordinary circumstances reveal the fact, is concealed by the addition of turmeric. This, however, is quickly revealed by the use of ammonia, which, when added to the mixture, changes the color of the powder to a deep dark-brown.

Next to the pure Persian or Dalmatian insect powder stand mixtures of this with other moth repellants. A great favorite is the following:

Insect powder 1 part.

Powdered camphor 1 part.

Paprica, powdered 1 part.

Mix. The proportions of these substances may be varied according to desire. Camphor is easily reduced to a powder by the addition of a few drops of alcohol or ether to the gum in the mortar. The paprica used for this purpose should not be so dry that it will affect the breathing apparatus of the compounder. The color of this preparation should be a reddish green, at first, which should quickly turn to a lively red.

PRESCRIBED BY SIR JAMES A. GRANT. M.D.

Sir James A. Grant, M.D., K.C., M.G., Physician to the Governor-General, writing at Ottawa, December 3rd, 1904, says:—

My Dear Sirs,—Thanks very much for the samples of Wilson's Invalids' Port, which I shall have much pleasure in using and prescribing.

I have already had occasion to recommend it and with excellent results. There are so many nostrums in the market for "the ills that flesh is heir to," care and prudence are very essential in all such recommendations, and such is the object I have in view when ordering your particular brand.

Very sincerely yours,
(Signed) J. A. Grant.

"ANGEL WHITE" FRENCH CHALK

The French Chalk manufactured by Geo. C. Blackwell, Sons & Co., Limited, Liverpool, England, bears the trade name of "Angel White," which is typical of its purity and freedom from all adulteration. This chalk is produced from specially hand-selected stone, pulverized by modern machinery and is strained through silks, thus securing continuous uniformity of quality and absolute impalpable powder. The firm have control over the largest group of mines in the world and are enabled in consequence to sell at the lowest possible figures. As a sample of the purity of the chalk a recent analysis by a well-known chemist shows that it contains 99 per cent. hydrated silicate magnesia, which accounts for the enormous sales made each year, and which are steadily increasing.

"All a man needs is a little common sense and a lot of the uncommon kind."

Wm. R. WARNER & CO.

Invite the attention of all first-class
Pharmacists to their line of

Undeniably Superior PHARMACEUTICAL PRODUCTS

COMPRISING

SUGAR AND GELATINE COATED PILLS
STANDARD FLUID EXTRACTS
PEERLESS GRAN. EFF. SALTS
COMPRESSED TABLETS, TRITURATES
HYPODERMIC TABLETS, CAPSULES
ELIXIRS, WINES AND SYRUPS
PARVULES, INGLUVIN, BROMO SODA
ORIGINAL LITHIA WATER TABLETS
ELIXIR SALICYLIC COMPOUND
and many other specialties in active demand.

ADVANTAGEOUS TERMS MADE TO BUYERS

CORRESPONDENCE SOLICITED

Wm. R. WARNER & CO.

PHILADELPHIA

Branches : NEW YORK CHICAGO NEW ORLEANS

PRODUCTS HANDLED BY CANADIAN JOBBERS GENERALLY

McLAUGHLIN'S "SANITARY" SODA FOUNTAINS

" Syrups in Sight "



THE RIDEAU

The strength of this design lies in its artistic simplicity. By adding to this apparatus one of our Counters and Workboards, as shown on page 10 of our Catalogue, perfect dispensing conditions are obtained.

J. J. McLAUGHLIN,
TORONTO AND WINNIPEG

McLaughlin's

"REAL FRUIT"

JUICES AND FOUNTAIN FRUITS

Are the leading Canadian brand and are used by all the best dispensers from Halifax to Victoria. Handsome lithos and window strips supplied.

BRONZE MEDAL (Highest Award) DOMINION EXHIBITION, TORONTO, 1903

SILVER MEDAL (Highest Award) INDUSTRIAL EXHIBITION, TORONTO, 1904

BRONZE MEDAL (Highest Award) DOMINION EXHIBITION, WINNIPEG, 1904

CONCENTRATED SYRUPS AND JUICES

Appetizer	Lemon, Messina
Banana, Red	Lemon Sour
Birch Beer	Limeade
Boston Punch	Maple Mint
Catawba (Grape)	Nectar, Roman
Celery Phosphate	Orange, Blood
Cherry, Morello	Orange, Navel
Cherry, Red	Orangeade
Cherry Phosphate, Wild	Peach
Chocolate	Pineapple
Claret	Raspberry, Black
Coffee	Raspberry, Red
Cream Soda	Root Beer
Creme de Menthe	Russet Phosphate
Currant, Black	Sarsaparilla
Currant, Red	Spiced Elderberry
Ginger	Sherbet
Ginger Ale	Strawberry
Grape Concord	Vanilla
Grape Kola	Violets, Crushed

FOUNTAIN FRUITS

Apricot, Sliced
Cherries, Canadian Red
Cherries, Creme de Menthe
Cherries, Maraschino
Chop Suey
Figs, Whole
Lemon
Nectar
Nut Frappe
Orange
Peach
Pineapple
Pineapple, (Sundae Cubes)
Raspberries
Strawberries

Western Branch, 204 Princess St., Winnipeg

McDiarmid Drug Co.,

St. John, N.B.

T. W. Mitchell,

18 Lagauchetiere St.,
Montreal.

Brown & Webb,

Halifax, N.S.

J. J. McLAUGHLIN

Manufacturing Chemist

151, 153, 155 SHERBOURNE ST.,

- . TORONTO

Worth its Weight in Gold



BABY'S OWN SOAP

keeps the most tender skin, soft, smooth, and free from chaps.
No Other is just as Good.

ALBERT TOILET SOAP CO., Mfrs. Montreal. 032

This Soap is being extensively advertised. It will pay you to keep it in stock and supply the demand.

JOSEPH E. SEAGRAM

Waterloo, Ontario.

MANUFACTURER OF

ALCOHOL

Pure Spirits

Rye and Malt Whiskies

"OLD TIMES" and "WHITE WHEAT"

J. S. HAMILTON & CO.'S BRANDY

Is the only Brandy distilled in Canada under the supervision of the Excise Department of Canada.

It is recognized by the Medical Faculty as genuine and equal to the highest class French Brandy for medicinal purposes. For sale in cases of 12 qts. and 24 pts., and in packages of 5 gallons and upwards.

J. S. HAMILTON & CO.

Brantford and Pelee Island, Canada.

MINARD'S "KING OF PAIN" LINIMENT

Sold to the trade from

HALIFAX TO VICTORIA

by

HALIFAX—Brown & Webb, Simson Bros. & Co., Hattie & Mylius.

ST. JOHN—T. B. Barker & Sons, Canadian Drug Co., The McDiarmid Drug Co.

YARMOUTH—C. C. Richards & Co., proprietors.

QUEBEC—W. Brunet & Co.

MONTREAL—Kerry, Watson & Co., Lyman, Sons & Co., Lyman, Knox & Co., Evans & Soos.

PRESCOTT—T. W. Chamberlain & Co.

KINGSTON—Henry Skinner & Co.

TORONTO—Lyman Bros. & Co., Elliot & Co., Evans & Sons, Northrop & Lyman, T. Milburn & Co.

HAMILTON—Dominion Drug Co., J. Winer & Co.

LONDON—London Drug Co., Jas. A. Kennedy & Co.

WINNIPEG—Martin, Bole & Wynne Co., Bole Drug Co.

VANCOUVER and VICTORIA—Henderson Bros.

McDowell, Atkins & Watson.

NEW WESTMINSTER—D. S. Curtis & Co.

Patents

Caveats, Trade Marks, Designs, Patents, Copyrights, Etc.

Correspondence Solicited.

JOHN A. SAUL

LeDroit Bldg., WASHINGTON, D. C.

Gray's

CASTOR-FLUID

For the hair.

DENTAL PEARLINE

An excellent antiseptic tooth wash.

SULPHUR PASTILLES

For burning in diphtheritic cases.

SAPONACEOUS DENTIFRICE

An excellent antiseptic dentifrice.

These Specialties

All of which have been well advertised more particularly the "Castor-Fluid," may be obtained at all the wholesale houses at Manufacturer's price.

Henry R. Gray

Established 1859

Pharmaceutical Chemist

122 St. Lawrence Main Street

(Cor. of LaGauchetiere)

MONTREAL

When You Prescribe a Tonic

all conscientious doctors can unhesitatingly recommend

WILSON'S INVALID'S PORT

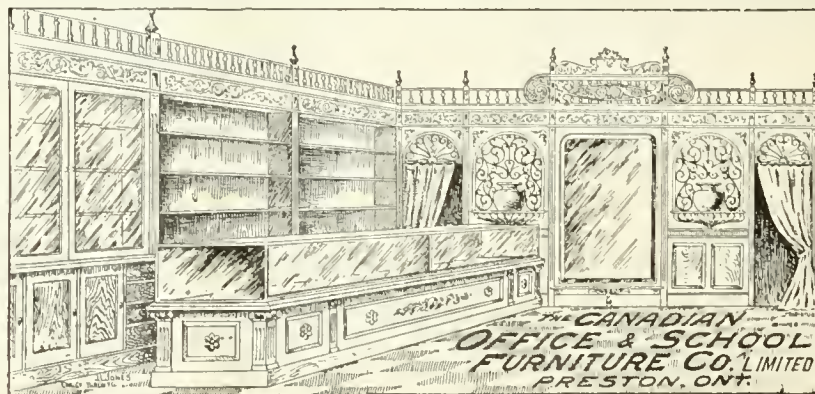
It is a rich wine with which have been carefully blended extracts of Cinchona bark.

It is positively free of all deleterious ingredients; its absolute purity being vouched for by such eminent medical authorities as L. Minier, French chemist, of the celebrated Laboratory of Practical Sciences, and Milton L. Hersey, Canadian Government Analyst.

It is strongly recommended for Anaemia, Chlorosis, General Debility, and for heavy mental or physical strain.

LAWRENCE A. WILSON CO., Limited

Canadian Agents, MONTREAL.



THE WINDOW AD.

The window display is gradually working its way into its true sphere. When all druggists look upon this most valuable aid to promoting sales, they will regard it as a matter of spending money to realize possible results from good advertising space, instead of grudgingly figuring the expenditure of time and money as expense. If a druggist will step out on the sidewalk, size up the space in the window, consider the number of people who pass by in the course of a day and compare it with space in the local paper and its possible readers, he cannot help but reason the space as very valuable, and the preparation of an ad. to fill it is a highly important matter.

While the matter of beautifying enters largely into the trimming of a window, it is purely a case of framing an ad. and that means bringing out the strongest points in each article or piece of goods displayed. If it is price, it should be prominent. If it is style, the goods should be arranged to show it. Whatever there is about the goods that is expected to appeal most forcibly should be brought prominently to the attention of possible customers, just as in wording and illustrating a newspaper advertisement.

Sometimes the goods used in formulating a window ad. need a little artificial help to centre attention or increase interest, just as a newspaper ad. often needs a striking headline, a few ornaments, bold-faced type or border to increase effectiveness. Such help can be found among the fixtures that should figure in the equipment of every progressive drug store. There is always some one in the store's force who has a liking for window trimming and who would appreciate an opportunity to carry out ideas in mind. Besides a suggestion to go ahead, a little encouragement and friendly criticism will have a beneficial effect in the work. Every druggist has the space at his command, and many must pay a monthly rental for it. Every druggist has the goods that should be advertised. It is only a question whether he will put forth the effort necessary to construct the window ads. to profit by the possibilities within the scope of store front advertising.—By Thomas W. McLain in *Practical Druggist*.

THE EASTER WINDOW

The advertising value of the window depends in a great measure upon the display of goods in their proper season, and anything that tends to connect the goods with the season in which they are used adds to the attractiveness of the display and enhances its value as a business bringer. Take, for example, the special Easter trims, characterized by all the distinctive features with which Eastertide is associated. These special decorations add to the artistic value of the dis-

plays and raise them above the commonplace, just as the holiday affords a diversion from the humdrum of everyday life.—*The Show Window*.

SPRAYING SOLUTIONS

As the season is now approaching when druggists, more especially in towns and villages, will be called upon for articles to use in spraying trees, shrubs, and plants in order to exterminate the various insects, worms, etc., that play such sad havoc each season with the growing crops, it will be well to have a knowledge of such drugs as are used and how to use them in order to talk intelligently to the customer who is in need of these goods. It is estimated that the damage done by insects, of a dozen varieties, to crops in the United States during 1904 amounted to over \$300,000,000, charged up mainly to the devastations of the chinch bug, grasshopper, Hessian fly, potato bug, San Jose scale, grain weevil, apple worm, army worm, cabbage worm, boll weevil, (cotton) boll worm, cotton worm.

No figures are available as to the damage inflicted in Canada, but there is no doubt that it runs up to a very large amount, and it is a source of gratification that the governments, as well as the agriculturists, are alive to the danger and are endeavoring as far as possible to cope with it.

The following are the solutions recommended by the Ontario Department of Agriculture:

BORDEAUX MIXTURE

Copper sulphate	4 pounds
Lime (fresh)	4 pounds
Water	40 gallons

Suspend the copper sulphate in four gallons of hot water. This may be done by putting it in a bag of coarse material, and hanging it so as to be covered by the water. Slake the lime in the same quantity of hot water.

Do not at once mix the two solutions thus made, but proceed as follows. Put one of the solutions in the barrel, add a few pails of water, then add the other solution and bring it all up to 40 gallons. Use only fresh Bordeaux mixture, or what is not over two days old. The copper sulphate and lime solutions should not be used until required for use in spraying. Strain the solutions. Use wooden vessels in preparing the Bordeaux mixture.

A stock solution for preparing of Bordeaux mixture may be prepared as follows: Dissolve 25 pounds of copper sulphate in 25 gallons of water. One gallon of this contains one pound of the copper sulphate. In another barrel slake 25 pounds of good lime and add 12½ gallons of water. One gallon of this contains two pounds of lime. To make the mixture, take four gallons of the copper sulphate

solution and two of the lime. Add four ounces of paris green.

PARIS GREEN MIXTURE

Paris green 1 pound
Water 200 gallons
Lime (freshly slaked) 16 pounds

Use 200 gallons of water in a mixture for apple trees, 250 for plum trees and 300 for peach trees.

HELLEBORE

White hellebore (fresh) 1 ounce
Water 3 gallons

PYRETHRUM

Pyrethrum powder (fresh) 1 ounce
Water 1 gallon

WHALE OIL SOAP SOLUTION

Dissolve 1 lb. James Good's caustic potash whale oil soap No. 3 in 7 gallons of hot water.

KEROSENE EMULSION

Hard soap, $\frac{1}{2}$ lb., or soft soap 1 quart
Boiling water (soft) 1 gallon
Coal oil 2 gallons

After dissolving the soap in the water, add the coal oil and stir well from 5 to 10 minutes. When properly mixed, it will adhere to glass without oiliness. A syringe or pump will aid much in this work. In using dilute with from 9 to 15 parts of water. Kerosene emulsion may be prepared with sour milk (1 gallon) and coal oil (2 gallons) no soap being required. This will not keep long.

TOBACCO DECOCTION

Refuse tobacco 2 pounds
Water 5 gallons

Boil the mixture for 30 minutes or more until a dark brown tea-colored solution is obtained. Keep it covered until cool. It may then be used undiluted for spraying infested plants.

The combined insecticide and fungicide containing paris green and Bordeaux mixture is to be used for insects that chew and for injurious fungi, but kerosene emulsion alone for those insects that suck the juice of plants, such as aphids, thrip, red spider, clover mite, oyster shell bark louse, San Jose scale, etc.

MAJOR'S STEAM BATH KETTLE

The season is at hand when the up-to-date druggist will be busy at the soda fountain, and the wise dispenser is always alert to improve the flavor of his syrups.

It would be well, in this connection, for every druggist to inform himself about an article that was placed upon the market last season. We refer to Major's Steam Bath Kettle, manufactured by A. Major, of New York city.

By means of this kettle, chocolate syrup can be prepared free from all scorching; the cooking is done entirely by steam, so the syrup can not boil over, and the druggist need give it no attention while cooking. The steam bearing down

upon the surface of the syrup prevents the escape of any of the aroma, making a syrup of surprisingly rich, delicious flavor, and with absolutely no precipitation.



It is now being used by many of the largest stores in New York and other cities, and the druggists using it are enthusiastic about it. This kettle is also extremely useful in preparing cold cream; it will cook rice deliciously, so that each grain is separate and whole, and prepare all cereals perfectly.

TO DISTINGUISH BETWEEN VANILLA BEANS

It is a fact that very few druggists are able to distinguish one vanilla bean from another, and why? Simply because they have never given much thought to the matter, as the amount that the druggist generally buys is small, and he thinks it is not of importance enough to study up on, said J. H. Dow, in a recent paper in Bull. Pharm. But with the increasing demand for extract of vanilla, the matter of buying good beans is important, and druggists should be better posted on the quality of the goods they buy. Mr. Dow had seen some rank specimens of beans sold to druggists for prime Mexican beans at high prices that were nothing but Tahiti beans. Stripping is another species of fraud. It is done by cutting the beans on the inside with a very sharp knife nearly the whole length of the bean, then laying it in alcohol for several hours. After the bean has soaked it is taken and rubbed over with oil, the incision carefully pressed together, more oil rubbed on, and the bean put in the centre of the bundle, and the article will bring a higher price than if it had not been manipulated. Always examine your beans carefully if you have any doubts as to quality. Beans that have been split in the manner described above will open very easily by pulling slightly from both sides of the bean. Tonka beans should be used carefully. In making an extract from these beans never use it clear, as it is poisonous. It can be used as a blend in extract of vanilla.

LITERARY NOTE

On the day before the date set by Messrs. A. S. Barnes & Co., for the publication of Abraham Cahan's novel, "The White Terror and the Red," the whole world was horrified by the assassination of the Grand Duke Sergius in a manner almost exactly identical with that of the assassination of his father, Alexander II., as described in Mr. Cahan's book. The novel, appearing just at this time, has a peculiar significance and draws a sinister but dramatic parallel.

UMNEY'S

TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

SOLUBLE ESSENCE OF LEMON, LEMON CRYSTALS, &c.

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA:

MR. J. M. SCHEAK, 205 Carlaw Buildings, 28 Wellington St. W., TORONTO

Lacto-Globulin

A PURE UNSTERILIZED MILK ALBUMEN

Transformed into its most easily digested form—A GLOBULIN
The most nourishing, stimulating and easily assimilated food known

Will be Retained by the Most Delicate Stomach, Even After all
Other Foods Have Been Rejected

Readily Prepared, and can be Flavored to Suit any Taste

4 oz. 50c. 12 oz. \$1.00. 40 oz. \$2.00

THE LACTO-GLOBULIN CO., LIMITED

795 Craig Street, Montreal

FLETCHER MFG. CO

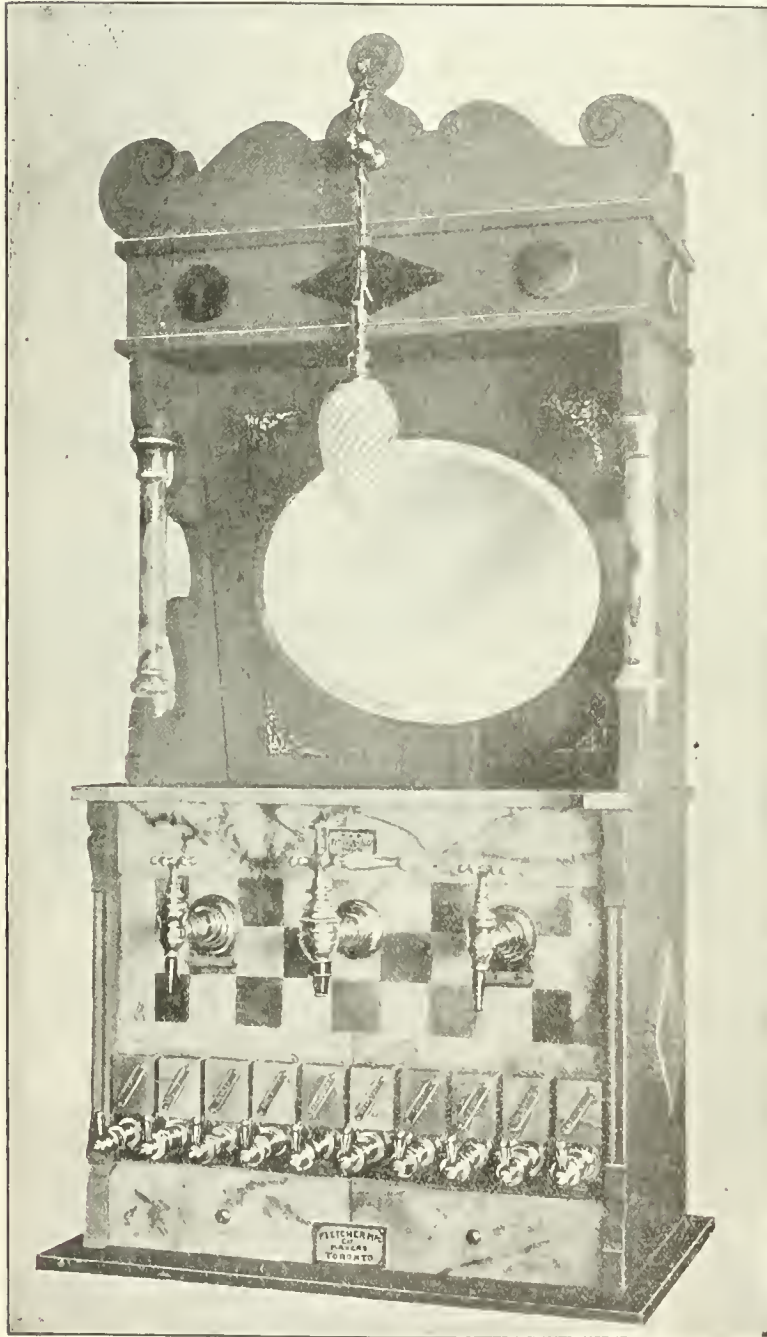
440-42 Yonge Street
29-31 Hayter Street



TORONTO, CANADA

MADE IN CANADA

WE LEAD—Watch those who copy our Apparatus.



(MADE IN CANADA)

“Kingston” Marble Fountain

Write us for description of these goods. Particulars cheerfully given.

Our free book on Soda Fountains sent to you on the asking.

Terms Easy—Prices Right—Goods second to none

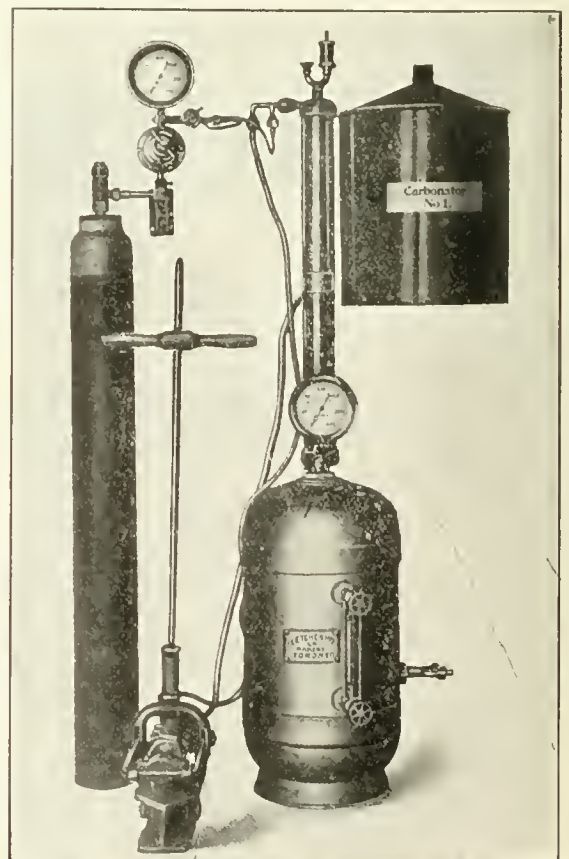
We manufacture exclusively
HIGH CLASS
Onyx, Marble and Silver-plated
SODA FOUNTAINS

Freezers, Carbonators, Ice Cream Tools

**Our Goods are Original
in Design and Finish**

MADE IN CANADA

Don't buy imported or American apparatus when you can save from 20 per cent. to 50 per cent. on the price of apparatus. We are original and guarantee every article we make.



Our No. 1 Carbonator—MADE IN CANADA

TORONTO DRUG SECTION

The monthly meeting of the Toronto Drug Section was held on Thursday, March 2nd. The President, Mr. W. J. Carnahan, in the chair. After the reading of a portion of the minutes of the previous meeting Mr. John Hargreaves, Chairman of the Contract Plan Committee, submitted his report as follows:—

Your Committee is pleased to announce that the Radway Company has adopted the Contract Plan, and are now marketing all their lines of preparations so as to properly regulate the wholesale and retail prices. We recommend the druggists of Canada to push R. R. R.

Two cases of complaint for violation of contracts have been adjusted since our last meeting. In one instance Liquozone was sold to a grocer of Port Perry, Ont., who sold it below the contract price. Immediately upon receipt of complaint, with the number on the package, the evidence was forwarded to the Liquozone Company at Chicago. They promptly investigated and reported to us that the goods had been sold to the Lyman Bros. Co., of Toronto, and that they had agreed not to supply any more goods until the contract is signed.

The other case was one of selling Slocum's in Newmarket by a firm, a department store, who had signed the contract. The report was made to the Slocum Company, who proceeded promptly to make an enquiry. They were informed that the price would be maintained in future, and your committee advised that the matter be allowed to rest there.

Negotiations are proceeding with the hope of regulating the cutting on Wampole's Tasteless Preparation of Cod Liver Oil.

An amended model contract is now under consideration by your committee, which is expected to be completed and submitted for your approval at the next meeting.

On motion report was adopted.

Mr. A. E. Walton, Chairman of the Trade Improvement Committee, had no report to present, as the Committee had not been organized. The Committee consists of Messrs. A. E. Walton, R. S. Fleury, W. N. Winter, R. W. McIntyre, W. G. Becker, C. P. Playter.

In the course of a discussion in reference to "Cut rates," Mr. F. W. Flett urged upon the members the fact that the selling of patent medicines at cut rates should not be the highest ideal of druggists, but that there is still a higher sphere in the practice of the profession as Pharmacists.

The report of the Banquet Committee presented by Mr. Petrie was exceedingly satisfactory, showing a nice financial balance as the result.

Mr. F. W. Flett, chairman of the Pharmacy Committee, presented a report containing miscel-

laneous formulas for use in the pharmacy, which we append herewith. After a discussion on the distribution of free samples and other matters pertaining to the trade, the meeting adjourned to meet on the first Thursday in April.

REPORT OF PHARMACY COMMITTEE PRESENTED BY
F. W. FLETT

SYRUPUS HYPOPHOSPHITUM COMPOSITUS

Perhaps no pharmaceutical preparation has caused thinking pharmacists more difficulty and discouragement than the production of a compound syrup of hypophosphites, which will combine pharmaceutical elegance with physiological effectiveness.

Most of the formulae heretofore published have either proved inelegant and unstable preparations of their reconstructive properties were exceedingly weak.

In the preparation of this syrup one must keep in mind both of these important points; that is, that a product which will contain the hypophosphites in a reasonable quantity must be physiologically active in ordinary dosage, and be at the same time pharmaceutically handsome.

In my experience the most troublesome difficulty to contend with has been the prevalence of a considerable quantity of impurity in hypophosphite salts which causes untold annoyance.

It is therefore of great import that the hypophosphites used should be obtained from a manufacturer whose label stands for guaranteed quality. It is also important to note in the preparation of this syrup that the hypophosphite of calcium, sodium and potassium should be dissolved in distilled water brought to the boiling point. The calcium should be first dissolved, then the sodium and lastly the potassium, salt and the sugar dissolved by cold percolation.

Subjoined is a formula which has proved in my hands to possess pharmaceutical elegance combined with physiological effectiveness. I sincerely trust that the preparation may prove as gratifying both remuneratively and pharmaceutically in the hands of my honored confreres as it has been in my own laboratory and pharmacy.

I have just one more word to say before taking my seat—Be men of thought and originality. Let your watchword be "A True Canadian," as it was in the days of our forefathers a "True Scot." May your hearts ring true for Canada, and stand fast for Truth, for Honor, and for Virtue.

SYRUPUS HYPOPHOSPHITUM COMPOSITUS
(Compound Syrup of Hypophosphites)

Take of

Calcium hypophosphite	1920 grains
Sodium hypophosphite	2560 grains
Potassium hypophosphite	1280 grains
Manganese hypophosphite	160 grains
Quinine (alkaloid)	80 grains
Strychnine (alkaloid)	20 grains
Iron hypophosphite (ferrous)...	160 grains
Hypophosphorous acid	q. s.
Sugar	130 ounces
Distilled water	q. s.

1. Dissolve the calcium, sodium and potassium hypophosphites in the order named in 70 fluid ounces of boiling water.

2. Dissolve the manganese hypophosphite in 10 fluid ounces of hot water. In the manganese solution dissolve the alkaloids, using only sufficient hypophosphorous acid to effect solution. Mix the two solutions and filter if necessary.

Percolate the filtrate through the sugar to form a syrup.

3. Dissolve 240 grains of crystallized sulphate of iron in $1\frac{1}{2}$ ounces of water (by the aid of $1\frac{1}{2}$ fl. drams of concentrated phosphoric acid) also

2. Dissolve the manganese hypophosphite in $1\frac{1}{2}$ fl. ounces of water. Mix the two solutions, let stand a few hours and filter out precipitate. (The solution will contain 160 grains ferrous hypophosphite). Add filtrate to the syrup and pass sufficient water through the percolator to make the finished syrup measure 160 fluid ounces.

Dose 1 to 2 fl. drams.

Note:—Each fluid ounce contains 16 grains sodium hypophosphite, 12 grains calcium hypophosphites, 8 grains potassium hypophosphite, 1 grain each of the hypophosphites of manganese and iron, $\frac{1}{2}$ grain Quinine and $\frac{1}{8}$ grain strychnine.

UNGUENTUM PARAFFINUM PLUMBICUM

Synonym. diachylon ointment.

Lead plaster	$\frac{1}{2}$ ounce
Soft paraffin	$\frac{1}{2}$ ounce
Bergamot oil	2 min.

Melt together and stir till cold.

ELIXIR POTASSI BROMIDI

Take of

Bromide of potassium	24 drms.
Distilled water	3 fl. ozs.
Solution of carmine (N. F.)	15 Min.
Simple elixir Q. S. to	18 fl. ozs.

Mix.

Let stand a few hours and filter.

Each fl. dram equals 10 grains of bromide of potassium.

TINGTURA AURANTII DULCIS (Tincture of Sweet Orange)

Take of

Fresh sweet orange peel	5 ounces
Alcohol (90 per cent.)	20 ounces

Prepare by the maceration process.

Dose— $\frac{1}{2}$ to 1 fl. dram.

GLYCERITUM PEPSINI (Glycerole of Pepsin)

Take of

Pepsin in scales (1-3000)	768 grns.
Hydrochloric acid	90 min.
Glycerin	8 fl. ozs.
Distilled water q. s. to	16 fl. ozs.

Dissolve the pepsin in a portion of the water. Dilute the hydrochloric acid with another portion of the water which together with the glycerin is added to the pepsin solution, and the whole finally made up with water so that the finished product will measure 16 fl. ounces.

ESSENTIA PEPSINAE

Take of

Glycerole of pepsin	$1\frac{1}{2}$ fl. ozs.
Alcohol (90 per cent.)	$1\frac{1}{2}$ fl. ozs.
Sherry wine	2 fl. ozs.
Glycerin	2 fl. ozs.
Tincture of fresh orange peel	2 fl. drms.
Distilled water q. s. to	16 fl. ozs.

Mix.

Filter through paper, sprinkled with talcum, till clear.

LIQUOR CARMINI (N. F.) (Solution of Carmine)

Take of

Carmine	8 drms.
Water of ammonia	6 fl. ozs.
Glycerin	6 fl. ozs.
Distilled water q. s. to	16 fl. ozs.

Follow the directions given in the National Formulary.

Note:—The best quality of carmine known in commerce as "No. 40," should be used for this preparation.

TINCTURE IODI DECOLORATATA (B. P. C.)

Take of

Iodine	250 grains
Alcohol (90 per cent.)	$5\frac{1}{2}$ fl. ounces

Dissolve with gentle heat and add when cold strong solution of ammonia 10 fl. drams.

Keep this mixture in a warm place until decolorized, after which dilute with alcohol (90 per cent.) a quantity sufficient to produce 20 fl. ounces.

COMPOUND MENTHOL LINIMENT

Take of

Menthol	30 grains.
Camphor	60 grains.
Tr. iodine (decolorized)	1 fl. oz.
Glycerin	1 fl. oz.
Alcohol (90 per cent.) q. s. to	4 fl. ozs.

Mix.

Ceratum Galena.

COLD CREAM

Take of

White petroleum oil	16 ounces
White wax	4 ounces
Spermaceti	1 ounce
Water	8 ounces
Borax	30 grains
Otto of rose	10 min.

Dissolve the borax in water, then heat together with the oil, add the white wax and spermaceti, and stir until cold; then add otto of rose.

Note:—For hot weather use $5\frac{1}{2}$ ounces of wax and 2 ounces of spermaceti.

SPIRIT OF ORANGE

Take of

Fresh oil of sweet orange peel	1 fl. oz.
Deodorized alcohol	9 fl. ozs.

Mix.

DEODORIZED ALCOHOL

Take of

Alcohol (95 per cent.)	28 fl. ozs.
Powdered quicklime	4 drams.
Powdered alum	4 drams.
Spirit of nitrous ether	1 dram.

**HELP THOSE WHO
HELP YOU!**

**DR. PIERCE'S
Family
Remedies**

ARE ON THE SERIAL NUMBERING

Contract Plan

Send to the World's Dispensary
Medical Association, Buffalo, N.Y.,
and get Window - Display and
Memorandum Books.

IT ALL HELPS TO SELL GOODS.

YOU CAN RECOMMEND

Dr. Pierce's Standard Remedies

• THEY ARE ALL GOOD
AND YOU CAN GUARANTEE THEM,

— ALSO —

Dr. Pierce's Pleasant Pellets.



Improved Cachet Machine

BY CHOAIN

For Use with Automatic Closing Cachets

PRICE COMPLETE, \$9.50

Cachets for use with this machine 85c. per thousand.

This machine possesses 4 points of advantage over some of the older machines in use by Druggists. Full directions with each machine.

1. No water is required. One Cachet telescopes into the other.
2. They require no funnel for filling.
3. They require no Thimble for packing the Powder.
4. They save the operator fully 50 per cent. in time. The machine does all the work.
5. The Special Automatic Closing Cachet supplied for this machine is more attractive in appearance and costs less than any other Cachet on the market.

Sole Distributing Agents for Canada

The J. Stevens & Son Company, Limited
145 Wellington St. W., Toronto

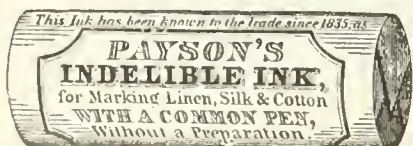
"THE KINDS THAT SELL"



H. PLANTEN & SON (Established 1836) NEW YORK

"Pioneer American Capsule House"

WILL REMOVE May 1905 to NEW FACTORY
93-95 Henry St., BROOKLYN, N. Y.



THE OLDEST - THE BEST

Received Medal and Diploma at Province of
Quebec Exposition, Montreal, 1897.
Trade supplied by all leading Drug Houses in the
Dominion

SPECIAL NOTICE

"Vest-Pocket-Box"

OF

ANTI-KAMNIA TABLETS

ONLY "Five-Grain Antikamnia Tablets" are put up in "Vest-Pocket-Boxes."



ONLY "Five-Grain Antikamnia Tablets" are put up in "Vest-Pocket-Boxes."

One Dozen = = = = \$2.00

In One Gross Lots—5 % Discount

FROM ALL JOBBERS

THE ANTI-KAMNIA CHEMICAL COMPANY

ST. LOUIS, U. S. A.

ROB ROY PENS.

Sold by all
Stationers in
18 varieties in



6d., 1s. and
gross boxes

HINKS, WELLS & Co. beg to draw attention to this new series of turned up, pointed and other pens, made of the same material, by the same tools, by the same process, and at the same works, as the well known series of Waverley Pens, which Hinks, Wells & Co. have for 30 years and upwards (prior to September, 1901), manufactured for and supplied to the proprietors thereof.

HINKS, WELLS & CO., Birmingham, Eng.

THE MERCANTILE AGENCY

R. G. Dun & Co.

ESTABLISHED 1841

Head Office, New York, and 180 Branch Offices in the Principal
Cities of the United States, Canada, Europe
and Australia

CANADIAN OFFICES AT

TORONTO	ST. JOHN	VANCOUVER	HALIFAX
QUEBEC	MONTREAL	HAMILTON	LONDON
	WINNIPEG	OTTAWA	

W. C. Matthews, General Manager, Canada

Mix the lime and alum, add the alcohol, shake well, add the spirits of nitrous ether, set aside for seven days and filter through animal charcoal.

SIMPLE ELIXIR

Take of
 Spirit of orange 4 fl. ozs.
 Alcohol deodorized 25 fl. ozs.
 Simple syrup 10 fl. ozs.
 Distilled water 31 fl. ozs.

Mix in the order named; shake occasionally; filter through talcum till clear.

FL. EXT. CASCARA
(Aromatic)

In response to a request sent out by the Research Committee of the O.C.P., the following formula for "Aromatic Fluid Extract of Cascara" has sent in by Mr. E. J. Mitchell, of Southampton, with some comments on the preparation:—

"Enclosed find the formula and detailed process of manufacture. While I do not doubt that improvement on the formula is possible, I wish to ask the Committee not to allow the apparent cheapness of the preparation to prejudice them against it.

All the virtue of the cascara bark is in this preparation pound for pound. It keeps indefinitely, is palatable, and gives satisfaction to the most critical customer.

If the committee judges this formula of any value I shall be gratified, but I assure you that until I find a better cascara arom. than this, I shall continue to make and sell it, as I have for the past three years.

EXT. FL. CASCARA SAGRADA AROMAT.

R Cascara sagrada bark, two
 years old in coarse powder... 5 lbs.
 Licorice root, in coarse powder 10 ozs.
 Calcined magnesia, fresh 12½ ozs.
 Water 1¾ gals.

Mix the cascara, licorice and magnesia thoroughly, add the water in portions, mixing well. Place the mass in a water-bath or steam bath and continue heat for 20 to 24 hours until bitter taste has almost or entirely disappeared. Pack the mass in a percolator and percolate with distilled water until exhausted. Evaporate the percolate in water bath or steam bath to 55 fl. ozs., then take of

R Saccharin 20 grains
 Oil coriander 15 min.
 Oil orange 20 min.
 Alcohol (Rect.) 15 fl. ozs.
 Glycerin 10 fl. ozs.

Dissolve the saccharin, oil of coriander and oil of orange in the alcohol, mix with the glycerin and add to the cascara; percolate. Shake well.

Note:—Any aromatic oils may be substituted for the coriander and orange if desired.

HINTS ON ADVERTISING

The best advertisement is the one which says what there is to say in a clear, concise, simple manner and then stops. Brief, chatty descriptions of goods are always effective, but in trying to write at people from their own level don't make the mistake of becoming commonplace.

Individualities and not generalities are the things to advertise. There are a number of features in the business of every man which makes it totally different from that of any other man. These are the points to be emphasized. Always remember that newspaper space represents more or less cash, and in most cases, the percentage of profit realized on the investment is dependent on the matter that goes into the space.

A three inch or a six inch single or double column ad. in every issue of one or two daily papers in a medium sized city does not involve a very great expenditure in proportion to the amount of business that should be done, but, at the same time, the ads. must be written with the idea of getting the greatest possible benefit from the space. By all means, cultivate a terse, epigrammatic style if you can, but don't sacrifice intelligibility to brevity. Endeavor to infuse what might be called a personal tone; write your ads. precisely as you would talk.

Don't misunderstand me. When a good idea suggests itself to you don't spread it out unnecessarily to the extent of three or four paragraphs, but on the other hand, don't boil it down to such an extent that when it appears in cold type, it will be jerky and in a measure disconnected. Make your advertisement timely. Before you begin to write, decide what it is people want most at that particular time and make that the principal thing in the ad.

ICHTHYOL IN TUBERCULOSIS

Professor De Renzi, President of the Third International Tuberculosis Congress, praises Ichthyol as an adjunct in the treatment of Pulmonary Tuberculosis. He is an adherent of the hygienic dietetic treatment, but also believes in the assistance of drugs. He has observed that Ichthyol diminishes the cough and reduces expectoration, whilst the patients enjoy a better appetite and consequently gain more in weight during its administration.

His prescription is:

R Ichthyoli 6 drs.
 Elixir simplici 5 ozs.
 Aqua dest. 2 ozs.

One to three teaspoonfuls in a glass of water, once or more daily.

or R Ichthyoli 2 drs.
 Aqua menth. pip 2 ozs.
 Syrup simpl. ½ oz.

One to three teaspoonfuls in a glass of water once or more daily.

As much as ten teaspoonfuls can be easily tolerated daily, and must, of course, be continued for a lengthy period.

"Every man is a promoter—of his own interests."

Formulary

EASTER EGG DYES

The following formulas taken from an exchange may prove useful at this time:

BLUE

Marine blue	60	grs.
Citric acid	600	grs.
Dextrin	2	ozs.

BROWN

Vesuvium	1	oz.
Citric acid	1 $\frac{1}{4}$	ozs.
Dextrin	1	oz.

GREEN

Brilliant green	225	grs.
Citric acid	300	grs.
Dextrin	2 $\frac{1}{4}$	ozs.

ORANGE

Orange	150	grs.
Citric acid	300	grs.
Dextrin	2 $\frac{1}{2}$	ozs.

RED

Diamond fuchsine	60	grs.
Citric acid	300	grs.
Dextrin	2 $\frac{1}{2}$	ozs.

VIOLET

Methyl violet	60	grs.
Citric acid	300	grs.
Dextrin	2 $\frac{1}{2}$	ozs.

YELLOW

Naphthol yellow	225	grs.
Citric acid	600	grs.
Dextrin	2 $\frac{1}{4}$	ozs.

Each of the above formulas suffices to make 20 powders, each of which will color at least 5 eggs. The directions should read as follows:

Dissolve the dye in a porcelain or earthen vessel in 1 pint of boiling water. In the meantime boil 5 eggs for 5 minutes, and transfer to the dye bath, and allow to remain in until sufficiently colored. Then remove, and polish them with a small quantity of oil or fat.

FURNITURE POLISH

White wax	2,500	parts.
Water, distilled	4,500	parts.
Potassium carbonate	25	parts.
Oil turpentine	4,000	parts.

Boil the wax in 1,500 parts of the water, carrying the potassium carbonate, until the wax is saponified. Add sufficient water to replace that lost by evaporation and stir till cold and add, little by little, under constant agitation the oil of turpentine, and continue to stir until a complete emulsion is attained. When this occurs add the remainder (3,000 parts) of the water all at once and stir in. In case the mixture is incomplete add a little more oil of turpentine.

The cream answers equally well for leather upholstery, imitation leather, leather cloth, marble, etc., etc.—Oester, Farben und Lack-Zeit.

PIANO POLISH

I.

Gum mastic	65	parts.
Shellac	250	parts.
Alcohol	1,000	parts.

For the finest work, the alcoholic solution of the gums should be shaken with about one-tenth of its volume of benzine, and the latter drawn off after the mixture has been allowed to stand for a few hours. This gives greater mobility.

II.

Egg whites	1 $\frac{1}{2}$	ozs.
Raw linseed oil	8	ozs.
Alcohol	2 $\frac{1}{2}$	ozs.
Orchil	$\frac{1}{2}$	oz.
Hydrochloric acid	2	ozs.
Vinegar	8	ozs.

FLOOR POLISH

- 1.—Paraffin oil 8 parts.
Kerosene 1 part.
Lime water 1 part.
- 2.—Stearin 20 parts.
Yellow wax 5 parts.
Potassa 12 parts.
Hard soap 2 parts.
Water and coloring matter to suit.
- 3.—Ceresin 4 parts.
Petrolatum 1 part.
Oil turpentine 3 parts.
Benzin 4 parts.

Melt the ceresin and petrolatum together, and after removing from the fire add the other ingredients.

- 4.—White wax 75 parts.
Bleached shellac 75 parts.
White rosin 6 parts.
Oil turpentine 100 parts.
Alcohol 400 parts.

Melt the wax, shellac, and rosin together by the aid of heat; remove from the fire and add, while still hot, the turpentine, and stir well. Warm the alcohol to a point nearly equal to that of the solution, and add, with rapid and thorough stirring, to the turpentine mixture. Allow to cool perfectly before using.

QUICK DRYING FLOOR DRESSING

Shellac	100	parts.
Alcohol	200-250	parts.
Balsam copaiba or Venice turpentine	1-2	parts.

Mix, and dissolve. Color, if desired, with ochre or umber. The addition of the half of 1 per cent. of boiled linseed oil adds great elasticity and strength to the mixture.

- 5.—Yellow wax 8 av. ozs.
Potassium carbonate 1 av. oz.
Oil of turpentine 1 fl. oz.
Water 32 fl. ozs.

Heat the wax and water to boiling; add the potassium carbonate; boil another minute; remove the vessel from the fire; add the oil, and stir until cold. A brown color may be produced by adding sienna or umber, and a very dark brown by the further addition of lamp black.

ESTABLISHED 1833

STAFFORD ALLEN**& SONS, LIMITED***Distillers of Essential Oils, etc.*

LONDON, ENGLAND

ALMOND OIL, (True)
 APRICOT KERNEL OIL,
 (Often sold as "French Almond Oil.")

CLOVE OIL,
 CROTON OIL,
 CUBEB OIL,
 SANDALWOOD OIL, E.I., "Allen's"
 Etc., Etc.

Finest Qualities Only.

GOLD MEDAL, ST. LOUIS, 1904

Insist on "Allen's" in original packages

Insist on "Allen's" in original packages

**HENDERSON
 BROS., Ltd.**

**WHOLESALE
 DRUGGISTS**

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
 INCORPORATED 1902

Royal Court Hair Dye.
ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
 CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
 writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/ 3 6 and 10/6.

Wholesale, 12/ 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG.

AGENTS WANTED.

The Great Food Remedy for Consumption

"Tropon" Cocoa and Chocolate

PROMOTES DIGESTION AND BUILDS
UP AND STRENGTHENS THE SYSTEM

COWAN'S

Chocolate Cream Bars
Chocolate Wafers
Milk Chocolate Wafers
Croquettes and
Medallions

ARE THE DAINTIEST AND PUREST
CONFECTIONS

The Cowan Co., Limited
TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.



CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited
TORONTO.



HORLICK'S MALTED MILK

For INFANTS, INVALIDS,
the AGED and TRAVELERS

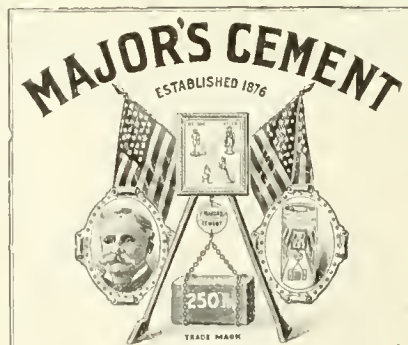
SAMPLES, SIGNS AND ADVERTISING
MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

HORLICK'S FOOD COMPANY
Pioneer Mfrs. of Pure Malted Foods
Racine, Wis., U.S.A.

GILMOUR BROS. & CO., Sole Agents for Canada, Montreal.

You'll Miss a Sale

If you don't carry



It is being advertised extensively and your cus-
tomers will want it. A thing you can recommend.

Three Varieties
CHINA—RUBBER—LEATHER

ALPHONSE MAJOR

461 Pearl Street, N.Y. City.

D. WATSON & CO., Montreal, Agents for Canada

Photographic Notes

PRACTICAL PARAGRAPHS

(From Photography)

RAPID PRINTING IN WINTER

Only a very few prints can be made from one negative on P.O.P. on a winter's day, if the ordinary methods are adopted, but the output may be multiplied by ten or twenty in the following manner, says "The Bazaar": It is necessary that the paper should be shielded from white light much more carefully than when printing in the usual way. The packet should be opened and the painting-frames filled by gas or candle-light only. Printing is done by daylight, and need not be carried farther than just to show a faint indication of the whole of the subject. When as many prints

move the camera nor to focus again. We only focus once in the usual way, insert the plate or the film, slide the front to the right, press the button, insert another film without moving the camera, slide the front to the left, and press the button again. So we have two views of the same object taken from different points on two films. If the camera is larger than the pictures we want, we can easily eliminate the portion wanted if we put both pictures on top of each other and mark or cut off the portion required.—J. Sandmann.

A SAFE EDGE FOR CARBON PRINTING

Those who work constantly in carbon may be glad to know of the method which Mr. Clute states that he uses. Writing in the current issue of "Camera Craft," he says that as he is frequently printing in carbon, he makes his safe



CORBIERE LIGHTHOUSE, ISLAND OF JERSEY

as are required have been made in this way, the final operations are carried out by gaslight. The prints, without washing, are placed in a ten per cent. solution of potassium bromide for, say, three minutes, and are then washed. They are then placed in the following developer till sufficiently strong:

Hydrokinone	3 grains.
Sodium sulphite	4½ grains.
Potassium bromide	6½ grains.
Ammonium carbonate	6 grains.
Caustic soda	1½ grains.
Water to make	1 ounce.

Immediately development is complete, the prints are placed for a minute or so in the bromide bath first used, well washed, and toned and fixed in the ordinary manner.

THE SLIDING FRONT ON ROLL FILM CAMERAS

The advantage of a sliding front on a roll film camera is very evident when we want to make a stereoscopic pair of pictures. We neither have to

edge when he develops his plate. He has handy a piece of heavy glass covered with black paper a size smaller than the plate about to be developed. This glass is superimposed on the plate, and then striking a match, it is held above the plate for a moment. On development he then gets a negative with a safe edge as a part of itself.

THE SIMPLEST ACID FIXING BATH

We can endorse most fully from our own experience the observation of the "Bromide Monthly" that the simplest acid fixing bath, and, at the same time, one which complies with the chemical laws which regulate the composition of a bath of this kind, is made by adding a little potassium metabisulphite to the ordinary solution of hypo. The proportion of metabisulphite is not of great moment, and if no scales are at hand it can be measured in the proportion of about a dessertspoonful to the pint of fixing bath. If the bath is being made up with exactitude then we

should allow one ounce of metabisulphite to three ounces of hypo dissolved in a pint of water. This bath is not as cheap as others made with sodium sulphite and an acid, but it is so easily made up, and with so little chance of going wrong and producing a bath that might contain decomposed hypo, that the formula here given may well be noted.

COPYING PRINTS WITH HYDROGEN PEROXIDE

An interesting communication was made to the Photographic Society of Philadelphia at its last meeting by its technical committee. Mr. Du Bois, on its behalf, said that hydrogen peroxide was active in a very weak solution, even a two per cent. solution diluted in the proportion of one to 500,000. Blotting paper immersed in this solution and allowed to dry four or five hours, was then placed in contact with the object to be reproduced, next to a photographic plate. At a temperature of fifty degrees centigrade, the action was complete in twenty seconds. At the ordinary temperature, it required ten to twenty minutes. The action was purely chemical. The influence was shown through celluloid, 20-1000 of an inch in thickness. It was possible to show the texture of paper, and detect erasures, and letters which had become illegible through the fading of the ink were reproduced perfectly. Strips of red celluloid cut off the action of the chemical, but green or blue celluloid strips permitted it.

NEW INVENTIONS OF INTEREST TO DRUGGISTS

757,654. Syringe. Henry M. Guild, Erie, Pa.; Norman J. Maxwell, executor of said Guild, deceased, assignor, by mesne assignments, to Charles A. Tyrrell, New York, N.Y. Filed Aug. 12, 1903.

Claim.—In combination, a head provided with an injection tube and an opening in communication with said tube, a rotary valve mounted in the said head and extended across the aforesaid opening thereof and having an opening to register therewith in one position of the valve, matching screw-threads between the valve and head to effect a simultaneous longitudinal movement of the valve with its rotary movement, and an interlocking groove and stop between the head and valve to limit the combined rotary and longitudinal movement thereof and to effect a crowding or closing of the screw-threads of the valve and head by a cam or wedging action, substantially as described.

757,907. Tooth-Brush with Washing Device. Friedrich Fritz, Trieste, Austria-Hungary. Filed January 26, 1903.

Kamakosin is a mixture containing the active constituents of Kamala and Kousoo. It is employed as a tape-worm remedy.

Optical Notes

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics, Toronto.

USE OF COLORED GLASSES

Ten or fifteen years ago the optician's stock of colored glasses was divided into three nearly equal parts—i. e., green, smoke, and blue, nearly all being "coquille" in form, the plano variety extremely rare. Just why the green, the smoke, or the blue, should be recommended one more than the other in any particular case the vendor would find impossible to say; therefore, as a rule, the choice in the matter was generally left to the caprice of the buyer.

To-day we find opticians and oculists emerging from this state of unscientific uncertainty to such an extent that green glasses are practically never prescribed, the choice being narrowed down to the smoke and the blue varieties of coquille and plano. Of these two shades, which is the better? This is a question which would have been very hard to answer a few years ago, but to-day there are irreducible reasons for selecting one and discarding the other, or vice versa. These reasons everyone should know that essays either to prescribe or sell them. Often the optician finds that a London smoke-tint of even a four or five offers no abatement of asthenopia, whilst a number one or two of blue answers the purpose precisely. What is the basic principle underlying this phenomena? If the optician be a trifle observant, he will notice that blue glasses answer the best where pure photophobia does not exist, but where the asthenopia is occasioned by the eye's intolerance to reflected light. In such cases as this a London smoke might in a measure abate the unfavorable symptoms, but never wholly.

Where true photophobia exists, i. e., a general intolerance to light, smoke-glasses are pre-eminently the best. These facts all opticians who have given any thought in the premises will unhesitatingly admit.

Now for the reason: Of all the colors of the spectrum, red is the most enervating to the eye and more keenly excites the nerve centres when refracted upon the retina. This statement of fact is largely borne out by witnessing the manner in which some animals, or even poultry, comport themselves when teased with a red fabric. It is to this excitation that we have asthenopic symptoms when viewing objects illuminated by reflected light, such as the sea beach, the roadway, marble steps, etc., for the reason that in all reflected light the short or red end of the spectrum predominates. It can thus be easily understood that smoke is a neutral shade, arresting no more of one part of the spectrum than the other, merely shutting out a volume of light. Not so

Actien-Gesellschaft für Anilin-Fabrikation

Berlin S.O. 36, Germany

Agfa Dry Plates

unexcelled in price and quality.



UNAL

Patented

Rodinal in a solid Form

universal developer par excellence.

Special attention drawn to

Isolar Plates

Nonhalation

Patented

Ordinary and Orthochromatic

Indispensable in all cases where strong, light contrasts are to be overcome. Keeping qualities are unexcelled. Highly sensitive, and adapted for all instantaneous work.

Sole
Agents
for
Canada

Hupfeld, Lüdeking & Co., MONTREAL

OPTICAL LANTERN SLIDES.

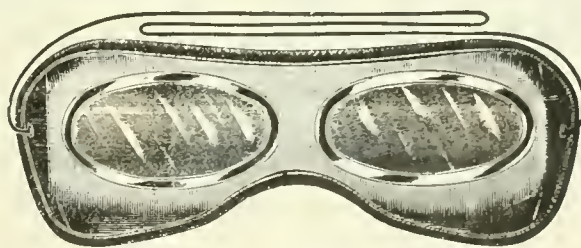
YORK'S OPTICAL LANTERN SLIDES for Educational Purposes. Embracing every branch of Science and Travel; also interesting and Moral Tales, illustrated by Life Models. The Catalogue of New Sets can be had on application. Sixteen Medals awarded for excellence.

We are the Largest Manufacturers in the World.
Terms on receipt of Business Card.

YORK & SON,

67 Lancaster Road,
Notting Hill, - LONDON, W.
ENGLAND

"CHICAGO" EYE SHIELD



PATENTED

Fitted with clear GLASS LENSES, or with colored lenses if preferred.

Just the article for anyone exposed to the inclemency of the weather.

Send for our Catalogue on EYE SHADES, Eye Shields, and Auto Goggles. Manufactured by

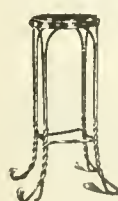
CHICAGO EYE SHIELD CO., 114 Randolph St. E., Chicago, Ill.

WHITE & HUMPHREY'S 'Pharmacopædia'

is the only book which contains satisfactory explanations of all doubtful points in the British Pharmacopæia. It is also the latest and most practical Text-book of Pharmaceutical Chemistry, Official Materia Medica, and Pharmacy. The work is indispensable to Students preparing for Pharmaceutical Examinations.

PRICE, \$4.00 POSTPAID

CANADIAN DRUGGIST - - TORONTO, CAN.



Soda Stools, Chairs and Tables

From Maker to User

Attractive, Artistic,
Cleanly, Indestructible.

For all users of Soda Fountains.

THE A. H. ANDREWS CO.

174 Wabash Ave., Chicago.

Agents: THE FLETCHER MFG. CO.
440 Yonge St., Toronto, Canada.



THE CANADIAN COLLEGE OF OPTICS.

OUR CORRESPONDENCE

has been such a success that would like you to know what those any time. The same diploma is given correspondence

W. E. HAMILL, M.D., Oculist



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It might seem to be a little early to talk Blood Purifiers, but it is astonishing how quickly time flies. Spring will be here very soon and the live druggists are giving serious thought to the question of Spring medicines. This is evident by the large number of orders we have on hand for Sarsaparilla, for Spring delivery. We have a very extensive variety of wrappers and the prices and quality are right. Write us for quotations and samples.

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Dose Table B.P. 1898

This table, which appeared originally in THE CANADIAN DRUGGIST, has been carefully compiled and is now published in sheet form on heavy paper, suitable for tacking up in the laboratory, class-room or study. It has been found very helpful for

Students in Pharmacy and Medicine

and should be in every dispensary as a ready reference. The drugs and preparations of the British Pharmacopœia 1898 are all classified under the dose designated by the Pharmacopœia and are so arranged as to be seen at a glance. A copy of the table will be mailed to any address on receipt of **10 Cents.**

CANADIAN DRUGGIST, Toronto, Ont.

with the blue tint, which is a primary positive color, and thus absorbs the red reflected rays and fuses the same into a bluish violet, the latter tint being the most agreeable of all the spectral colors. However, when through atonic conditions of the eye photophobia is present, all the colors of the spectrum should be modified alike. This is what the smoke tint glasses do.

So far as green glasses are concerned the prevalent opinion years ago was that as Nature made verdure green and because it is restful to the vision to view the fields and woods, that surely green tinted glasses would accomplish the same result. Experience proves to the contrary.

Red glasses are often medically advantageous in cases of atrophy or an atonic condition of the retina. The red light acts as a stimulant on the atrophied optic nerve and retina, bringing back to the wasted tissues a freer circulation of blood.

It is safe to say, however, that the indiscriminate use of tinted glasses has done in the aggregate more harm than good. Persons left to themselves invariably choose a shade too dark, the use of which in the long run produces a still greater debilitation, inasmuch that it accustoms the eye to an artificial degree of twilight, which eventually unfits the eye to do without them.—Watchmaker, Jeweler, Silversmith and Optician.

CONVERGENT STRABISMUS

Dr. Wendell Reber (New York Medical Journal and Philadelphia Medical Journal) has been making a study of these cases and says:

1. Esotropia (turning of the eye inwards) is most likely to manifest itself before the third year.
2. Heredity certainly is one of the causes of strabismus.
3. The degree of deviation will be frequently about 30 deg.
4. Present-day evidence is against the theory of congenital amblyopia (poor vision).
5. The degree of poor vision increases with the length of time elapsing between the appearance of the squint and the time of treatment. (In other words, the longer the squint goes untreated, the greater the amount of amblyopia.)
6. Improvement may be expected in the amblyopic eye in 50 to 60 per cent. by proper glasses, after the seventh year.
7. If taken before the fifth year, there seems no reason why squint should not be cured by non-operative means in 70 per cent. of cases. This percentage will, in all probability, be increased to eighty per cent. in the next ten years.
8. The results of non-operative treatment in children, if adhered to with any persistence, are

infinitely better than any 'scissors' statistics thus far offered.

Dr. Reber closes his paper with a quotation from an article by Dr. Edward Jackson in the Journal of the American Medical Association for October 26, 1901: "The accurate correction of ametropia being the most important single measure in the treatment of squint, and this being most effective in the earliest stage, it follows that no one who cannot measure refraction objectively, no one who cannot apply skiascopy with sufficient accuracy to obtain by it the data for prescribing lenses, is competent to treat strabismus. This sounds like an extreme statement. Judging by old standards of attainment and old methods it is unduly so. But the experience of the last five years has established a new standard of success in the treatment of convergent strabismus in children, to be attained only by a method of which the foundation is the accurate correction of the refraction, and that at an age when the patient can give no assistance as to its measurement. In view of this, the milder statement simply falls short of the truth."

OLAN

Under the above name, Dr. Sternberg has introduced a new ointment base. Olan is a paraffin preparation yielding emulsions with water in varying proportions. There are marketed a solid olan, an olanum naftae, resembling white petroleum, and also various admixtures of olan with camphor, chloroform, guaiacol, iodine, thymol, eucalyptol, formaldehyd, creosote, menthol, naphthol, tar, salicylic acid, etc.

Gillet recommends (Bull. gen. de Therap.) the following treatment for broken chilblains: Poultice at night with potato starch poultices or dress with liniment of lime after bathing with warm marshmallow infusion. When not much broken dress with the following ointment: Borax, 1 part; cold cream, 10 parts. When healing commences cover the chilblain with adhesive plaster. Daily cold water douches will do much to prevent the breaking of chilblains.

While the advantage of buying in large quantities is considerable, it is better to be able to keep the stock fresh and up-to-date—if one cannot do both.

Where "ignorance is bliss" it may be "folly to be wise," but it really seems as if this were a case where it would be good policy to "shoot folly as it flies."

THE CASCARA SITUATION

The Northwest Chittam Co., of Chehalis, Wash., under date of February 20, 1905, report that last season was an exceptionally favorable one for the gathering of Cascara Sagrada bark. The Northwest, the territory where all the bark is produced, experienced five months of continuous dry weather, a thing unheard of in this territory. The result was that Cascara peelers had the entire season open for the peeling and curing of the bark and that it was handled rapidly, turning out a larger average of first class bark than was ever before produced in the same length of time—more indeed than it has been possible in many years to produce.

Owing to the exceedingly high price that prevailed the previous year large numbers went into the business of peeling in hopes of realizing former prices. Whole communities spent the entire summer in the woods. More people were engaged in the business during 1904 than on any previous year, probably twice as many.

Another important fact added largely to the peel of 1904. The Lewis County, Washington, district was discovered before the opening of the season last year and before the season closed it produced 700 tons of bark.

These conditions could have but one result, a heavy over-production of bark. Prices steadily declined as a result until the close of the season. Large numbers of peelers, believing that last year's prices would be realized after the close of the peeling season, held their bark and many of them even added to their holdings what they could from their small savings. This was especially true in Oregon where the high prices had prevailed. When, at the close of the season, these holders became convinced that prices would be no better, the entire lot was thrown on to the market at one time and sold at what it would bring. It was under these conditions last November that prices struck low water mark. As soon as this bark was absorbed prices steadied and have held firm since then.

It is clear to the most casual observer that the peel of last season will not again be repeated.

Viewed from the standpoint of these facts, it is absolutely certain that prices are lower now than they ever will be again. We confidently believe that at no time during the season of 1905 will it be possible for consumers to make more advantageous contracts than they can at the present moment.

The wise dealer may not actually practise hypnotism, but he will find there is a great deal in the power of suggestion when it comes to making sales.

SENECA ROOT

New York mail advices on the seneca market say: For western seneca, sales are generally maintained at 68c., but there is nothing to test the stability of this value. Mail advices from the west indicate that there are approximately 30,000 lbs. in the hands of holders in Minneapolis and St. Paul, one having between 12,000 and 15,000 lbs. The value of these lots is various. One holder is reported to have paid 65c. for 6,000 lbs., while another is said to have been selling at 60c. and under, and the cost of another lot of 5,000 lbs. ranges from 63@68c., but the holder of this last lot is not offering on the present basis. The Winnipeg market is said to be well supplied, but a recent effort to buy there for delivery in St. Paul is said to have found a 65c. basis maintained. A telegraphic offer from a primary market was made late in the week of one on at 67c. f.o.b. shipping point.

THE DRUG MARKET

By E. Merck

Darmstadt, March, 1905.

Acid Acetic. The prices of Acetic Acid are moving upwards, as the raw material, acetate of lime, is only obtainable in insufficient quantities and at very high prices.

Antifebrin. The advance in price of the raw materials for the manufacture of this article has led to a considerable increase in the price of the article itself.

Cinchona Bark and Quinine. The Cinchona Bark auctions during February resulted as follows—on the 14th February in London: offered, 1344 bales; sold, 929 bales at 15-16d as compared with 1½d per average unit at the last London auction on the 10th January. On the 23rd February in Amsterdam: offered, 8648 bales; sold, 8059 bales at 6.55 cents as compared with 6.15 cents per average unit at the previous Amsterdam auction. This is an advance of 6.5 per cent.

In spite of these dearer prices of bark, Quinine has so far not advanced.

Cocaine. The quotations for Coca leaves and for crude Cocaine, as well as those for Cocaine hydrochlorate remain firm. The importations of Coca leaves have only been moderate, whilst those of crude Cocaine have been fairly large.

Gall Preparations. Prices demanded for Galls at the present time are very high. For certain varieties, of which the stocks are short, even fancy prices are asked. Consequently it appears very doubtful to the manufacturers whether the present selling prices for Gall preparations can be maintained for any length of time.

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ILLUSTRATED CATALOGUE ON REQUEST

Iodine and Iodine preparations. On the 13th February Iodine was raised from 9d to 10½d per ounce. The quotations for Iodine preparations must in consequence be correspondingly advanced.

Opium and Morphia. The news of continuous frosts in Asia Minor, which are said to have done great damage already, has given extraordinary firmness to the Opium market, which may be expected to have its effect on the future prices of Morphia.

Drug Report

Toronto, March 20, 1905.

Business during the past month has been fairly active, and there are no startling changes in prices to note.

While there has been no actual change in values, the general tendency of the market on all staples is very firm with a possible advance when the spring season fairly opens.

Norway cod liver oil has been quoted somewhat lower abroad, but the tone of the market is for higher values again, as the poor catch and active buying has pretty well cleaned out the market.

Citric Acid has advanced a few cents per pound and may go a little higher.

NEW GOODS

Ethyl Sulphonol.....oz.	.60
Collodion, medicinal, 4 per cent.oz.	.10
Iron nitrate oxide.....oz.	.30
Soda hippurate.....oz.	\$1.50
Soda fluoride pure.....oz.	.20
Soda metabisulphite.....oz.	.10
Sulphonol-methyl.....oz.	.80
Thorium nitrate, 1½lbs.....ea.	.40
Veronal tablets, tubes of 10.....ea.	.80

CHANGES IN PRICES

A—Advanced. D—Declined.

D. Antifebrin.....lb.	40c.
D. Ammonia bromide.....lb.	55c.
D. Caffeine salicylate.....oz.	50c.
D. Formin.....oz.	20c.
D. Glycerine.....lb.	22c.
A. Iodine resublimed.....oz.	45c.
A. Iodine commercial.....oz.	40c.
A. Litmus cubes.....lb.	40c.
D. Manganese black oxide pure.....lb.	50c.
D. Menthol.....oz.	35c.
A. Mercury biniodide.....oz.	40c.
A. Liquor bismuth.....lb.	45c.
A. Oil fusel.....pint	80c.
A. Santonine.....oz.	85c.
D. Soda bromide granular.....lb.	48c.
D. Uranium sulphocarbolate.....lb.	80c.
A. Uranium iodide.....oz.	75c.
A. Uranium chloride.....oz.	90c.
A. Uranium sulphate.....oz.	80c.

The "Prices Current" will appear in full in our next issue.

LITERARY NOTE

In a letter to Dr. Henry A. Stimson the author of "The Right Life," just published by Messrs. A. S. Barnes & Co., President Arthur T. Hadley, of Yale University, says: "If the young men and women of the next generation could be permeated with the views and ideals which underlie this book, it would be a most useful thing for their conduct and their character."

Dr. Stimson's book is the first of "Right Life Series" which shall cover the most vital questions of modern life, clearly and practically discussed by some of the most noted American scholars and thinkers.

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Philately

MISTAKEN IDEAS IN PHILATELY

Many philatelists, misled by fascinating tabulations of figures relating to the sensational happenings of the past, have come to imagine that almost any stamp will become a rarity in time—if only you keep it long enough. This (says a writer in "Bargains") is sheer stupidity.

The fact is that many stamps of current and recent issues can never, or practically never, increase in value. And this for the simple reason that the market holds a sufficient supply of them to accommodate not only the present generation of philatelists, but several generations to come.

But there are collections and collections. Philately, wisely indulged in may be made a profitable hobby as well as a pleasureable hobby. There are many hundreds of stamps that must necessarily continue to grow in value so long as stamp collectors continue to grow in numbers.

These stamps are :—(a) the older British Colonial issues, especially in unused condition ; (b) most of the issues of Great Britain, either in "mint unused" or in "exceedingly fine used" condition ; and (c) the scarcest foreign issues, used and unused, but only the scarcest. One might add to these classes a fourth : (d) comprising the various errors and varieties of all issues, both old and new, although a reservation is necessary here, because many of the recent "errors" have been produced in such enormous quantities as to be as common as, and in some cases even commoner than, the normal stamps.

From all this a hasty reader is in danger of drawing a mistaken moral. He may conclude that only the older issues of stamps are worth collecting, if one is to look upon one's stamps as a sound purchase. But therein he is wrong. The newer stamps may be "well bought" if they are collected thoroughly and on sound philatelic lines. To explain : There is always money for "the best." If a collection be the best of its kind, one need never fear that it will represent time and labor vainly spent. One hears of collections of the most commonplace objects—matchbox labels, colored advertisements, and so on—being sold for substantial prices. These are generally the best collections of their kind ; the individual pieces they comprise may be of absolutely no intrinsic value whatever, but when gathered together as a collection they command a ready market and a satisfactory price. One may apply the same rule to collections of stamps formed on proper philatelic lines. The aim of the stamp collector, therefore, should be to get together the best possible collection in his own particular line. It sounds like a council of perfection, but it is sound and workable advice nevertheless.

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The Canadian Druggist

VOL. XVII.

TORONTO MAY, 1905

No 5

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

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TORONTO, ONT.

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THE CANADIAN COMPENDIUM

We devote a considerable portion of our space in this issue to the Compendium of Canadian Formulæ, which has been issued by the committee appointed by the Council of the Ontario College of Pharmacy, and which is now submitted for the criticism and approval or otherwise of all pharmaceutical bodies in Canada as well as that of individual pharmacists.

The object of the committee in issuing the formulary at this time is to secure the co-operation and assistance of pharmaceutical and medical associations throughout all the provinces and thus endeavor to establish "uniform and authoritative standards of medicinal articles required by both professions."

It will be observed that both Imperial and Metric weights and measures are used throughout the Compendium, but as it is a difficult matter to create formulæ in which definite quantities are named, and at the same time to give the precise weights or measures in the two different systems, the quantities in the formulæ as placed in juxtaposition are not necessarily equivalent to one another.

The committee deserve credit for the report presented and we are sure the pharmacists not only of Ontario, but also of all Canada, will feel

that the step taken is one which was urgently needed and that the suggested formulæ when carefully studied and if necessary added to or otherwise amended will prove a boon not only to members of our profession, but also to medical men throughout the Dominion.

The committee in presenting their report have acknowledged the valuable assistance rendered by Prof. Heebner, Dean of the Ontario College of Pharmacy, and Mr. F. W. Flett, chairman of the Pharmacy Committee of the Toronto Drug Section, and also of other pharmacists throughout the province.

The Compendium, as issued in pamphlet form to members of the College in Ontario, unfortunately contains some errors, which probably can be partially, at least, attributed to the proof-reading.

We have corrected a number of these and the report which we have pleasure in presenting to our readers is, we believe, practically free from these inaccuracies.

We trust that pharmacists everywhere throughout Canada will show their appreciation of the work done and evince their interest by careful study and preservation of this number, and by offering suggestions as to alterations or additions to be made to the work when it is finally adopted as the standard for Canadian pharmacy.

AMENDING THE PHARMACY ACT

Elsewhere in this issue we give our readers the full text of the proposed amendments to the Pharmacy Act of Ontario.

The act now in force in this Province is defective in many respects, not only in respect to pharmacists, but also as protective legislation for the general public.

The suggested amendments if made law will do much to remedy those defects and cannot be the means of interfering with the liberty of any class, but will on the other hand do much towards establishing a feeling of security for members of the pharmaceutical profession and a consequent increased confidence from the purchasing public.

Sections 1 to 6 deal altogether with members

of the Council, time of meeting and remuneration. Sections 9 and 10 are the salient points of the bill, being intended to amend section 26 of the Pharmacy Act and to afford the profession a measure of protection which is absolutely necessary in order to place a proper safeguard around the sale of drugs and medicines.

The new sub-section brings incorporated companies within the provisions of the act. Section 11 stipulates that any medical men who in future wish to enter the drug business must qualify under the act.

We hope that nothing will prevent this much needed legislation becoming law at this present session of the House.

O. C. P. COUNCIL ELECTIONS

Druggists in the Province of Ontario are reminded that nominations for members of the Council of the Ontario College of Pharmacy must be in the hands of the Registrar before the first of June. We trust that members will evince their interest in Council matters as well as all that pertains to pharmacy in this Province, in making early selection of the best men in their respective territorial divisions.

As the act now stands, the candidate must be a resident of the district for which he is nominated. Should the proposed amendments be made law, it will only be necessary that he be "carrying on business" in the district.

LITTLE THINGS COUNT

It is surprising, when we come to consider the matter, how little things count in making or marring a business. Take two men of equal ability in every way, both as regards their profession, and also as regards their general business capacity. Let them both start, in the same town at the same time, on equal conditions and with equal prospects, and at the close of a year one will have a business far exceeding in bulk that of the other.

The reasons for this state of affairs are sometimes not hard to be found. The less prosperous man had just as many customers at first as his competitor, but owing to his tricks of manner, not very serious in themselves, to be sure, but yet quite sufficient to be annoying to some of his customers, he lost a number, one by one, although his honesty and integrity were undoubted, and his stock just as fresh and of as good quality as the other's. The latter, however, had the advantage of being more obliging and of a more genial temperament, and so became very popular and not only held all his customers, but gained many new ones as well.

The lack of a genial manner has often been the means of keeping a man's nose to the grindstone all his life. We have in mind a clever physician, now well up in years, who, once, had the run of the best houses in a certain town, but who lost all his one-time patients from his list on account of his brusqueness of manner, or, as a friend described it, his "unhappy" manner. This man might have been wealthy to-day, had he been able to control this defect of manner, instead of having to be content to plod along with patients of the poorer kinds, who put up with his eccentricities on account of his undoubted skill.

While perfection is not possible in this world, we can all do much to remedy defects in character and disposition, and this should be our aim in any case, but, more especially, when we find these defects are working injuriously to our best business interests.

ONTARIO COLLEGE OF PHARMACY

A special meeting of the Council of the Ontario College of Pharmacy was held in the College Building, Toronto, April 3rd, all the members of the Council being present. The principal business of the special session was the appointing of a committee to wait upon the Minister of Education of Ontario in reference to the desired amendments to the Pharmacy Act, a draft of which was submitted.

This committee had an interview with the Hon. Dr. Pyne on the 5th inst., which was most satisfactory. Mr. Henry Watters, on behalf of the Legislative Committee, presented a revised list of poisons to be recommended to the Governor-in-Council for approval. It was decided to have a copy of the proposed amendments to the Pharmacy Act sent to all members, at the same time urging them to use their influence with their representatives in Parliament in support of the bill.

The report of the Educational Committee recommending that the application of Dr. Paul L. Scott for a binocular microscope, as recommended in a previous report, was approved, and the Registrar-Treasurer was recommended to furnish the same at a price of about \$75.00.

It was decided to comply with the request of Mr. Cairncross, London, Ont., to give him a college medal, as at the time of his examinations he had secured the standing which at the present time would entitle him to this distinction, he to pay the necessary cost.

Committee adjourned on Wednesday afternoon.

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MANUFACTURERS OF

B. & S. BRAND

COCAINE

B. & S. BRAND

Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline, Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin, Gallic Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorein, Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited, Montreal

WALL PAPERS

Don't let orders slip by you
this month because you
have not some special line
that's called for

SEND FOR SAMPLES—GET
THE GOODS—AND MAKE
THE PROFITS

GOODS SHIPPED SAME
DAY ORDER RECEIVED

STAUNTONS LIMITED

TORONTO



Programme for 1905.

MORE ADVERTISING

MORE SALES

MORE PROFITS for the Retail Druggist

Archdale Wilson, Hamilton.

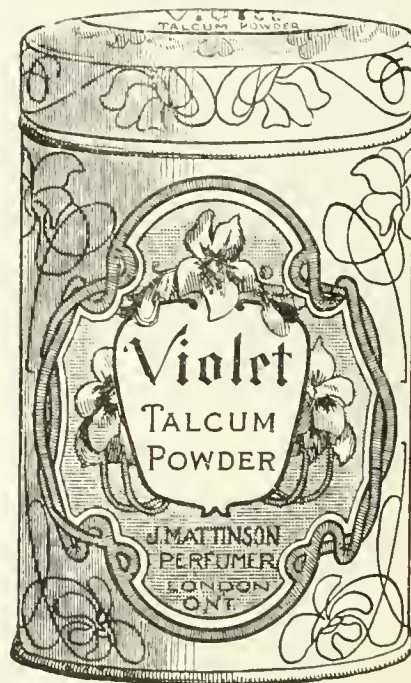
Paper—Every Sort
Stationery—Complete Stock
Account Books
Office Requirements
Leather Goods

New Lines in Ladies' Bags, Wallets,
Bill Cases, Letter Cases, &c. = = = = =

Stock Complete, Fresh, of Undoubted Value.
Letter Orders Promptly Executed.

Brown Bros., LIMITED

Wholesale and Manufacturing Stationers,
51-53 Wellington Street West, Toronto



One of the best and most attractive Powders on the
market; made in Canada and moderate in price. For
sale in all up-to-date Drug Stores.

The London Drug Co.

Wholesale Agents

LONDON, ONT.

their way into the remote corners of the Dominion and must be shipped early to reach the retailer in time for the season's demand.

MONTREAL COLLEGE OF PHARMACY

The following are the results of the combined December and March examinations of the Montreal College of Pharmacy, the students being named in order of merit, namely:—

Botany—Eleanor Sleeper, George Virolle, F. J. McKenna, Felix Paquet, E. C. Drolet, Kenneth Chalmers, L. D. McLaurin.

Junior Materia Medica—Eleanor Sleeper, H. A. Martin, Arthur LaRose, L. D. McLaurin, Philip R. Thomas, F. J. McKenna, H. E. Hardisty, J. Lewis Williams, H. R. Innot.

Senior Materia Medica—Felix Paquet, J. B. Cousineau, Louis Lacasse, Georgina St. Georges, J. B. D'Orvilliers, Ovide Brault.

Junior Chemistry—L. S. Desantels.

Senior Chemistry—Eleanor Sleeper, J. Lewis Williams.

QUEBEC PHARMACEUTICAL ASSOCIATION

Following are the results of the semi-final annual and minor major examinations held in Montreal, commencing April 10 and closing April 14, inclusive. Twenty-two candidates enrolled their names for the major and 31 for the minor examinations, the former for the licentiate certificate and the latter for the certified clerk certificate. Of these the following passed and are named in order of merit, namely:—

As licentiates of pharmacy—E. F. Emory, Eleanor Francis Sleeper, Arthur Hirbour, G. W. E. Hayes, Damian Roy, Joseph Masson.

Certified clerks—Joseph Laroche, M. J. McKenna, A. J. Merrill.

The examiners were: R. S. Williams, Three Rivers; A. E. DuBerger, of Waterloo; W. H. Chapman, Alex. B. J. Moore, Edmund Giroux, jr., and Hercule Guerin.

PRELIMINARY EXAMINATIONS.

The preliminary board of examiners held their quarterly examinations on April 6, with the following results: Fifteen candidates enrolled their names and the following passed on all subjects and are named in order of merit, namely: L. St. Armand, Thomas Dechenes, L. P. Roy, S. Guay, T. St. Martin.

The following passed on all subjects but one, namely: R. Lussier, for history; Alf. M. Dechenes, for arithmetic; Harry Singer, for French. These latter will be required to present themselves for these subjects at the July examination.

TO AMEND THE ONTARIO PHARMACY ACT

The following is the full text of the proposed amendments to the Ontario Pharmacy Act which will be brought before the present session of the Legislature of this Province.

The suggested alterations will, we believe, commend themselves to all druggists, not only as a remedy for many defects in the present act, but also as doing justice alike to the profession and the general public, and every druggist in the province should use his utmost endeavor to have these amendments placed upon the statute book, by bringing all possible influence to bear on the member representing his constituency.

1. Section 5, sub-section 2 of the Pharmacy Act is amended by striking out the words "be a resident of" in the second line thereof and inserting in their stead the words "carrying on business in."

2. Section 6 of the Pharmacy Act is amended by striking out the word "resident" in the 6th line thereof and inserting instead thereof the words "carrying on business."

3. Section 7 of the Pharmacy Act is amended by striking out the word "July" in the second line thereof and inserting instead the word "August."

4. Section 9 of the Pharmacy Act is amended by striking out the words "Tuesday in February and the first Tuesday" and inserting instead thereof the words "Monday in June and the first Monday and by striking out the word "August" in the third line thereof and by inserting instead the word "December," and by striking out the words "purpose of granting certificates of competency" in the third and fourth lines thereof and inserting instead thereof the words "transaction of general business."

5. Section 10, sub-section 1 of the Pharmacy Act is amended by inserting after the word "college" in the tenth line thereof the words "and for the discipline, suspension or expulsion for cause of any student of the college."

6. Section 10, sub-section 2 of the Pharmacy Act is amended by striking out the following words in the second, third and fourth lines thereof "or more than \$4.00 per day for such days only as any member is in actual attendance upon the business of the college including going to and returning from such sitting" and inserting in place thereof the following words, "or more than \$5.00 per diem for such days as any member is in actual attendance at a sitting of the council or upon the business of the college including going to and returning therefrom."

7. Section 12, sub-section 1 (b) of the Pharmacy Act is amended by striking out the words "the first in any college of pharmacy or school of medicine approved by the council and the second

or senior course" in the fifth, sixth and seventh lines thereof and by inserting the words "practical pharmacy" after the word "pharmacy" in the ninth line thereof and by inserting the words "practical chemistry" after the word "chemistry" in the ninth line thereof.

8. Section 19 of the Pharmacy Act is amended by striking out the following words after the word "year" in the third line thereof, "by every person registered and carrying on business as a pharmaceutical chemist the sum of \$4.00, provided that in case such person shall carry on business in more than one locality the further sum of \$4.00 shall be payable by him as aforesaid" and by inserting in place thereof the following words "or such other day as the council may provide by by-law, by every person registered and carrying on business as a pharmaceutical chemist such sum not exceeding \$4.00 as may be determined by the by-laws of the council, provided that in case such person shall carry on business in more than one locality he shall pay a further sum not exceeding \$4.00 as provided by the by-laws of the council" and by inserting after the word "business" in the seventh line thereof the words "which he may be interested in as owner or part owner" and by striking out the words "legally qualified pharmaceutical chemists" in the tenth line thereof and inserting instead thereof the words "graduates of the Ontario College of Pharmacy."

9. Section 26 of the Pharmacy Act is amended by inserting the words "drugs or medicines, except patent or proprietary medicines as provided for in section 34 of this act" after the word "poisons" in the second line thereof and by inserting after the word "druggist" in the sixth line thereof the words "drug store or pharmacy, or take or use any name, title, addition, description or sign, implying or calculated to lead people to infer that he is registered under this act."

10. Section 26 of the Pharmacy Act is further amended by adding the following as sub-section 1 thereto: "It shall be unlawful for any company incorporated under the acts in force regulating joint stock companies to retail, dispense or compound poisons, medical prescriptions, drugs or medicines, except patent or proprietary medicines as provided for in section 34 of this act or keep open shop for retailing, dispensing or compounding poisons, drugs or medicines, except patent or proprietary medicines as aforesaid unless the business of such company shall be managed by one or more director or directors, who or all of whom shall be registered under this act and shall have taken out a certificate under the provisions of section 18 of this act and who shall not be a director or directors of any other company carrying on the like business and who shall exer-

cise all such powers of the company as are not by the Joint Stock Companies' Acts required to be exercised by the company in general meeting."

11.—Section 33 of the Pharmacy Act is amended by striking out the word "not" in the sixth line thereof and by inserting after the word "pass" in the sixth line thereof the word "either" and by striking out the word "but" in the seventh line thereof and inserting instead the words "or pass the final examination for the degree of Phm. B., of Toronto University, and" and by adding at the end of the section the following words "nothing in this section shall affect any person who may be a qualified medical practitioner under the Ontario Medical Act at the time of the passing of this act."

CORRECTED FORMULAE

In the report of the Pharmacy Committee of the Toronto Drug Section, R. M. A., which appeared in our last issue, an error was made in the formulae for comp. syr. hypophosphites. We append the corrected formulae as supplied us by the chairman, Mr. F. W. Flett:

Take of

Calcium hypophosphite	1920	grains
Sodium hypophosphite	2560	"
Potassium hypophosphite	1200	"
Manganese hypophosphite.....	160	"
Quinine (alkaloid)	80	"
Strychnine (alkaloid)	20	"
Iron hypophosphite	160	"
Hypophosphorous acid		q. s.
Sugar	130	ounces
Distilled water	130	ounces

1. Dissolve the calcium, sodium and potassium hypophosphite, in the order named in 70 fluid ounces of boiling water.

2. Dissolve the manganese hypophosphite in 10 fluid ounces of hot water. In the manganese solution dissolve the alkaloids, using only sufficient hypophosphorous acid to effect solution. Mix the two solutions, and filter if necessary. Percolate the filtrate through the sugar to form a syrup.

3. Dissolve 240 grains of crystallized sulphate of iron in 1½ fluid ounces of water (by the aid of 1½ fl. drachms of concentrated phosphoric acid); also dissolve 163 grains of calcium hypophosphite in 1½ fluid ounces of water. Mix the two solutions, let stand a few hours and filter out the precipitate. (The solution will contain 160 grains ferrous hypophosphite). Add filtrate to the syrup, and pass sufficient water through the percolator to make the finished syrup measure 160 fluid ounces. Dose—1 to 2 fl. drachms.

Note.—Each fluid ounce contains 16 grains sodium hypophosphite, 12 grains calcium hypophosphite, 8 grains potassium hypophosphite, 1 grain each of the hypophosphites of manganese and iron, ½ grain quinine and ⅛ grain strychnine.



Something New
Something Good

EVERYBODY'S COURT PLASTER

SILK—LINEN—KID—3kinds
in each envelope—retails for 5
cents.

This plaster is of exceptional
quality. One gross envelopes
put up on lithographed dis-
play card as illustrated above,
making a very attractive
display.

ORDER FROM YOUR JOBBER

Prepared by
Bauer & Black
Chicago, U.S.A.

MERCURY

THE UNDERSIGNED IS FOR A
LIMITED TIME PREPARED TO FILL
ORDERS FOR QUICKSILVER
(IN FLASKS OF 76½ LBS)

AT **45 cts** PER LB.

F.O.B. SAULT STE MARIE, ONT.

**The Toronto —
General Trusts Corp.**

59 Yonge Street

Toronto = = Canada

Second Reason

(THERE ARE OTHERS COMING)

**Why You Should Always
Use**

**BOWDLEAR'S
W.H.B. WHITE WAX**

The W. H. B. WHITE WAX has stood the severest
tests of Chemical Analysis for Thirty Years.

If you only realized how good the W.H.B.
WHITE WAX actually is, we are confident
you would give it the preference every time.
So in order to demonstrate its purity, sup-
pose you write us for a free sample. Seeing
and testing in your premises will settle the
matter once and for all, while such proof at
most won't cost but a postage stamp. Send
the request by return mail.

Yours for unquestioned quality.

W. H. Bowdlear & Co.
Boston, U. S. A.

Feet First

FISCHER
SELF-ADJUSTING
BUNION PROTECTOR



With
Protector.

**GOT A
BUNION?**



Without
Protector.



STOPS pain—cures Bunions,
and corrects deformities of
the feet, caused by bunions and
enlarged toe joints.

When ordering mention whether
you want right or left and
ladies or gents.

Price - - - - \$9.50

Per Dozen Pairs.

NEW STOCK

THE

"Gillette" Safety Razor

Each razor has 12 wafer blades, both
edges sharp—equal to 24 razors

Price \$5.00 each, less 10 per cent.; in lots
of six, \$5.00 each less 10 and 5 per cent.

USUAL TERMS

The Lyman Bros.

& CO., LIMITED

Wholesale Druggists

TORONTO

LAWSON & JONES

Are Canadian Headquarters for

Druggists' Printing
and Lithographing
Calendars and
Advertising Novelties
Envelopes
Folding Cartons
and all lines of
Paper Boxes

LAWSON & JONES,
LONDON, CANADA.

IT'S WORTH REMEMBERING

THAT YOUR
REQUIREMENTS IN

Surgical Supplies

—AND—

RUBBER SPECIALTIES

Can be Supplied by

Chandler & Fisher
LIMITED
WINNIPEG

Two Tons—4,000 lbs. of Cotton have been
shipped from our Warehouse since
December 1st.

Trade Notes

L. Gourley, druggist, Galt, Ontario, has gone out of business, the building having been purchased by the Imperial Bank.

M. J. O'Callaghan has purchased the drug business of A. H. Griffis, Pembroke, Ontario.

The stocks of the following firms in Montreal, Quebec, were damaged by fire April 1st: Abbey Effervescent Salt Co., loss \$10,000, covered by insurance; Canada Truss Factory, loss \$1,500, insured; A. Tourangeau Co., truss manufacturers, loss \$2,000, insured.

G. M. Brodel, Didsburg, Alberta, N. W. T., is discontinuing the drug business.

E. P. McCarthy has purchased the drug and stationery business of J. F. Scott, Indian Head, Assiniboia, N.W.T.

F. Cosgrove has purchased the drug business of Dr. Perrin, Lyleton, Manitoba.

J. G. McFarlane has purchased the drug business of J. H. Hill, Esterhazy, Assiniboia, N. W. T.

Dr. Tomlin has opened a new drug store at Holmfield, Manitoba.

W. A. McTavish has purchased the drug business of E. E. Meek, Altona, Manitoba.

The stock of the Pulford-Leonard Drug Company was partially damaged by fire last month.

R. C. Crawford has purchased the drug business of T. N. Jarvis, Port Elgin, Ontario.

E. Featherston has purchased the drug business of Brien & Co., Essex Centre, Ontario.

R. M. Perkins has purchased the drug business of W. T. Esdale, Ottawa, Ontario.

G. M. Brodie, druggist, Didsbury, Alberta, N. W. T., has sold his business.

The proprietors of the Lacombe Drug Co., Lacombe, Alberta, N.W.T., have dissolved partnership.

C. M. Vanstone has purchased the drug business of F. J. Braund, Wawanesa, Manitoba.

D. C. McKenzie is opening a new drug store at Fort Francis, Ontario.

Higgs & Ward, of Wetaskiwin, have opened a branch drug store at Sparling, Alberta, N.W.T.

Baker & Sloan have purchased the drug business of G. R. Sutherland, Leduc, Alberta, N. W. T.

H. N. Smith has sold his drug business at Arkona, Ontario.

W. Beattie has purchased the drug business of J. A. Buckham, Revelstoke, British Columbia.

Wm. Hawker & Son, of St. John, have opened a branch drug store at Centreville, New Brunswick.

Mr. Vrooman, of Rat Portage, is opening a new drug store at Oakville, Manitoba.

Beattie & Atchison have taken over the drug business of W. J. Atchison, Moyie, British Columbia.

The drug stock of J. G. Templeton, Cranbrook, British Columbia, has been purchased by Beattie & Atchison.

H. W. MacGowan, Knowlton, Quebec, is advertising his drug business for sale.

C. S. Davis has opened a new drug store at Craik, Assiniboia, N.W.T.

W. H. Lee has built a new drug store on Avenue corner, opposite Dupont Street, Toronto, Ontario, which he will open as a branch store about the middle of June.

J. H. Mackenzie, of 1160 Yonge Street, Toronto, Ontario, will open a branch drug store on Macpherson Avenue, near Avenue road, about June 15.

COMPANIES

The Buckham Drug Co., Ltd., Golden, British Columbia, are disposing of their branch drug store at Revelstoke, B.C.

The Arabian Medicine Company, of Canada, Limited, has been incorporated, with head office at Carberry, Manitoba. Capital stock, \$50,000.

TORONTO DRUG SECTION

The regular monthly meeting of the Toronto Drug Section of the Retail Merchants' Association was held April 8th. C. H. Cowen, Vice-Pres., in the chair. The attendance was small and but little business was transacted.

Verbal reports were given by the chairman of the Trade Improvement Committee and also that of the Price Contract Committee.

After a short discussion of these matters and a review of the proposed Canadian Compendium of Formulas the meeting adjourned.

OZONE, "THE COUPON KIND"

The Public Drug Co., of Bridgeburg, Ont., manufacturers of "Solution of Ozone, the coupon kind," have secured the services of Mr. Alban E. Ragg, the former manager and director of the Liquid Ozone Co., of Chicago. Mr. Ragg was also manager of the Toronto house of Evans and Sons, Ltd., for a number of years. The company propose to advertise their preparation of Ozone and for the purpose of distinguishing it from other brands, call it "Ozone, the coupon kind."

CORRECTION

An error occurred in our March issue where the name of J. Judd Mason & Brother, Hamilton, Ont., was given as Canadian agents of E. Merck, Darmstadt. This was an error on our part and quite contrary to the instructions given by the advertiser.

WHAT IS OIL OF ALMOND?

A case was recently tried in London in which "ol. amygd. persic." appears to have been supplied to a customer as almond oil, with the word "persic." written on the label, with the intention of drawing attention to the variation, as admitted by the purchaser. It is well that all who handle these oils should realize that while the oil obtained from either peach or apricot kernels (which for ordinary trade purposes may be taken as the same, though this is not scientifically correct) is a practically legitimate article of commerce, it is not almond oil, and should never be so represented. The great disparity in price between true almond oil and these cheaper oils in itself presents a temptation, and unless distinction is clearly indicated to a buyer the transaction will always be open to the appearance of evil, even where this is not intended.—Amer. Drugg.

Stafford Allen & Sons, Limited, write as follows on the subject to the London Chemist and Druggist :

As the introducers of British pressed oil of peach or apricot kernels, we have always strongly emphasized the difference between it and the official oil of almond, and it is within our knowledge that the wholesale trade have taken care in different ways to keep the distinction before their clients. We have, however, to realize that there are certain practical difficulties that have caused confusion of thought in various quarters, which may be usefully summed up as follows :

1. Peach kernel oil was originally imported from abroad and was sold as almond oil without disclosure of the fact that it was not prepared from almonds. It competed in price with the true oil of almond, and, consequent on its cheapness, it obtained a footing, and a certain amount of trade usage was established before its real nature was discovered.

2. As oil pressers we had to meet this competition, and when we began to press the peach kernel oil we purposely avoided selling it as almond oil. As the oil was pressed from kernels bought in the market as "peach kernels," it was described as "ol. amygd. persic. dule.," *Amygdalus persica* being given by the authority consulted (Gray) as the botanical name of the peach. This botanically correct designation has given rise to various misconceptions, and apparently it has often proved a stumbling block. We have sometimes found it translated as "Persian almond oil;" at other times the word "persic." is taken as a fancy term supposed to be added for purposes of distinction. In fact, at one time or another it would appear that every explanation except the right one (viz., that it was the Latin

equivalent of the article offered) has been put forward.

3. Here another difficulty arises. As explained above, peach and apricot kernels are practically interchangeable, but by far the larger number of the kernels offered in our markets belong to the latter variety, and it now appears that it would, if a single name be used, be more in accordance with accurate description to employ that of "ol. pruni armeniaceae."

The word "dule." in the title has undoubtedly added to the difficulty. Whatever may have been in the minds of those first using it, it is a fact that while grammatically it might be held to apply to the almonds (or kernels) from which the oil is expressed, for perhaps two generations past it has been taken as applying to the oil; in other words, we always assume that we are offering "sweet oil of almonds," not "oil of sweet almonds," in the same way that when dealing with ol. amygd. essent. we are offering essential oil of almond and not oil of essential almond. The term "sweet oil" is constantly used colloquially to distinguish the product from the "bitter" or essential oil obtained at a later stage of working. The obvious advantage of a ready and marked distinction between two oils—one bland and palatable, the other poisonous—needs no emphasizing to a pharmacist. The points which we have now attempted to summarize are dealt with at greater length in a paper read at the meeting of the Pharmaceutical Conference in London in 1900, which concluded with the following sentence :

While we believe that almond oil will always be facile princeps among fixed oils, we see no reason why the true peach or apricot kernel oils should not continue to find a useful place where they are suited to any particular manufacture; but we should certainly protest against any substitution of the one for the other without the knowledge of the purchaser.

In these days of keen competition (and, as a matter of fact, it is barely possible at the present time to produce this oil at a profit) it is most desirable that no undue or unreasonable restrictions should be placed upon druggists. At the same time, now that the tests given by the B.P. make it so easy to distinguish between the true almond oil and its substitute, there should be no difficulty on this score. While oil of peach or apricot kernels is a genuine article of its kind, and may find a legitimate employment, the public are certainly entitled to full protection against its substitution for almond oil.

Stafford Allen & Sons, Ltd.

In your strenuous efforts to reach a successful end of an undertaking, be not neglectful of your health lest you reach the end of life before accomplishing the desired end.

J. WINER & Co. Limited

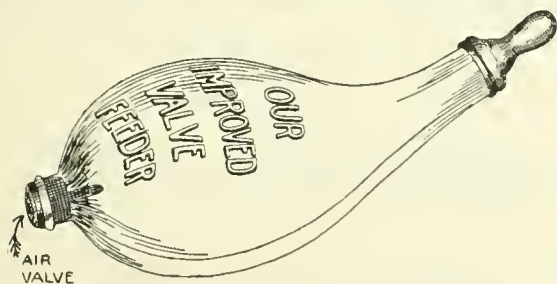
HAMILTON, Ont.

TWO BIG SELLERS

For the Baby trade,
With Generous Profits

Baby's Health Tablets

AND



The valve admits air into the bottle as the milk is drawn from it, and thus ensures easy suction and prevents wind colic.

There are **no tubes** to become sour or obstructed.

The bottle is **easily cleansed** by simply removing the nipple and valve and thoroughly rinsing with water direct from tap.

J. WINER & CO
HAMILTON - ONTARIO - LIMITED

GRAPE SALINE

Refreshing at all times.

Cools and Purifies the Blood.
Assists the Liver and Kidneys.
Invigorates the whole system.
Cures Dyspepsia, Sick Headache,
and Biliousness.

Prevents Seasickness and Nausea.
Relieves Acidity and Flatulence.

Clears the Complexion.
Promotes Perspiration if taken in
blood-warm water or followed
by a cup of hot tea.

DIRECTIONS — A teaspoonful
produces a refreshing drink; two
teaspoonfuls act as a laxative.
To be taken, preferably, in a half
tumbler of tepid water, but cold
water, not iced, will answer

PREPARED BY
THE GRAPE SALINE LABORATORY

Price, \$1.80 - 3 dozen for \$5.00

Please ask for show-card.

The ELLIOT & CO., Limited.

E. & Co.'s Gran. Effervescent Salts	Sopalline Shampoo
Eager's Wine Rennet	Pompeian Massage
Park's Liquid Court	Egg Preserver
Plaster	Blumenthal's Rennet
Brilliant Furniture Polish	Tablets, 10c.
Mi-o-na Tablets	Shell Castile Soap
Milk Syphons	Rochelle Salts
French Castor Oil	

TOBLER'S MILK CHOCOLATE

ABSORBENT COTTON, "E. & CO."

(Get our prices)

SURGICAL INSTRUMENTS

We are having a Clearing Sale at much Reduced Prices

Elliot's Soluble Creosote

Soluble Creosote stands in the front rank of disinfectants. Its usefulness is well-nigh universal as a disinfectant, germicide and purifier.

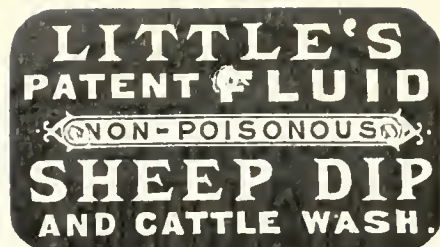
For dipping sheep one gallon is used in 80 gallons of water (in which it is perfectly soluble), so that it will be seen that one gallon sold for \$1.50 (yielding 150 per cent. profit), produces Dipping Fluid at the rate of 75 cents per barrel of 40 gallons—less than two cents per gallon. Disinfectant of the strength of 1 per cent. would in the same way cost the user 1 1/2 cents per gallon.

Sold in 10 oz. bottles at \$1.80 per doz., 24 oz. bottles at \$3.60 doz., and in bulk at low rates.

IT WILL PAY—PUSH IT.

Circulars supplied.

The ELLIOT & CO., Limited
5 Front St. East, Toronto



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

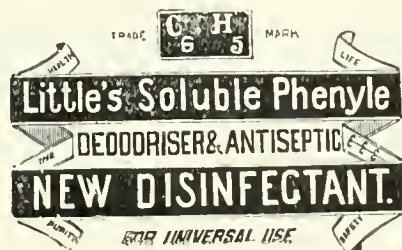
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

**A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.**

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb. pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt

"The Ideal Plaster"

Ankers' Bouillon Capsules

✻ Evans' Coughnomores ✻

4 lb. bottles.

Evans' Special ✻ Norway Cod Liver Oil ✻

EVANS AND SONS

Limited

MONTREAL NEW YORK TORONTO

Books

MERCK'S MANUAL

Merck's 1905 Manual of the Materia Medica. A Ready-Reference Pocket Book for the Physician and Surgeon. (Published by Merck & Co., University Place, New York).

The third, or 1905, edition of Merck's Manual is a compact little volume, stored with such information—revised to date—as gained for its predecessors the title "a valuable pocket reference-book for the active practitioner." The publishers sought the aid and suggestion of many physicians in compiling the Manual, which contains some notable departures from and additions to the previous issue. The section devoted to Prescription Formulae, for instance, has been replaced by a list of Therapeutic Indications for the use of the materia medica. A table giving the dosage of frequently used drugs, chemicals and galenical preparations has been added, and also a comprehensive chapter on urinalysis, dealing with the examination of pathological urine and urinary deposits. Throughout the work the Apothecaries' system is supplemented by metric equivalents. Other features are: Names of the chemicals and drugs usual in modern medical practice, with their chief synonyms, physical form and appearance, solubilities, percentage strengths and physiological effects, therapeutic uses, modes of administration and application, regular and maximum dosage, incompatibles, antidotes, precautionary requirements; poisoning and its treatment, etc.

DETECTION OF POISON

"The Detection of Poisons and Strong Drugs," including the quantitative estimation of medicinal principles in certain crude materials, by Dr. Wilhelm Autenrieth, Professor in the University of Freiburg.

The volume is an authorized translation from the third enlarged German edition, by William H. Warren, Ph.D., Professor of Chemistry, Medical Dept., Washington University, St. Louis, Mo.

This book on Detection of Poisons consists of five chapters dealing with, I., Volatile Poisons; II., Non-Volatile, Organic Substances; III., Metallic Poisons; IV., Poisons not in the main groups; V., Quantitative Estimation of Alkaloids and other Drugs in Crude Materials.

The intention of the author is to provide students of pharmacy with a book which, although primarily designed for beginners, will be found to be a concise yet complete laboratory guide to toxicological analysis, and also to familiarize students with other common organic drugs

which are strong therapeutic agents rather than poisons.

Published by P. Blakiston's Son & Co., 1,012 Walnut Street, Philadelphia, Pa. Price, \$1.50 net.

THE CARE OF THE TEETH

We are in receipt of a little booklet on "The Teeth, How to Keep Them Clean, White, Healthy," published by the Sanitol Chemical Laboratory Co., St. Louis, Mo.

The information contained in the book is such as must find interested readers and the virtues of Sanitol are so well and convincingly shown, that the distribution of such a work cannot fail to bring splendid results.

The Sanitol preparations are endorsed, we are informed, by over 20,000 dentists alone.

CATALOGUES OF SCIENTIFIC BOOKS

We are in receipt of the latest catalogue of second-hand books on mathematical, astronomical, physical and chemical subjects, issued by Messrs. H. Sotheran & Co., London, Eng., in which is included the library of the late Prof. A. W. Williamson, F.R.S. Many of the books are interesting and some very rare. There is a supplement containing the more important works, foreign and English, published on the above subjects during the last two years.

MAY LIPPINCOTT'S MAGAZINE

In the current number of Lippincott's Magazine the opening novelette, by Ella Middleton Tybout, is placed in the little State of Delaware. So completely charming is "The Turn of the Tide" that it seems likely to be the forerunner of considerable "Blue Hen State" fiction.

The two papers of the month are diverse in subject and both interesting: "Where Poets Lived and Loved," by Anne Hollingsworth Wharton, contains anecdotes of Wordsworth, Coleridge, and others; and Dr. Charles C. Abbott contributes an article called "Nonsense Names in Natural History."

Verse suited to the budding season is from the pens of Phoebe Lyde, Douglas Roberts, Thomas S. Jones, jr., Lulu Belle Wooldridge, John James Piatt, Isabella Howe Fiske, and Nora Elizabeth Barnhart.

There is no falling off in fresh jokes in the "Walnuts and Wine" department.

Misrepresentation may make a sale, but it will never build up a business.

"Think twice before you speak;" but it is sometimes necessary to think quickly.

THE PHARMACY OF STOVAINE

Stovaine, the new synthetic substitute for cocaine, is used externally for neuralgia and internally for painful affections of the stomach. According to the Chemist and Druggist it is prescribed in the form of syrup of stovaine ($\frac{1}{2}$ per cent. solution in simple syrup), the dose being a teaspoonful at meal times, and also as powders:

Stovaine	gr.	j
Magnesium hydrate	drachm	$\frac{1}{2}$
Sodium bicarbonate	gr.	xx
Prepared chalk	gr.	xx

For three powders. One after luncheon and dinner.

In the case of painful haemorrhoids an ointment is used as follows:

Stovaine	gr.	j
Adrenalin solution	drachm	$\frac{1}{2}$
Petrolatum	drachms	iiij

or

Stovaine	gr.	xv
Extract of rhatany	gr.	xxx
Simple ointment	oz.	i

PERFECT EMULSIONS OF MERCURY

Schereschevsky, of Vienna, has patented a process for emulsifying mercury in a perfect manner. This, according to The American Druggist, is as follows: Metallic mercury is placed at the negative pole and a piece of iron wire at the positive pole. A current of electricity is then passed through liquid petrolatum until the desired concentration of mercury has been reached. The mercury emits brown clouds, which permeate the petrolatum. In order to secure a uniform and finely-divided emulsion all that is needed is to select the proper strength of current and the proper tension. If the current is of small density the particles of mercury are so finely divided that they are microscopical, while greater densities of current produce larger particles. In this manner mercurial emulsions have been prepared containing from 1 to 50 per cent. of mercury. The emulsions on cooling may be diluted at will by mixing with fresh fats.

CREOSOTE EMULSION

Beechwood Creosote	256 min.
Powdered Acacia	540 grn.
Comp. Elix. Taraxacum N. F.	1 fl. oz.
Syrup Orange	1 fl. oz.
Water	to make 16 fl. oz.

Triturate the creosote with the acacia in a dry mortar, and add all at once 14 fluid drams of water; stir briskly until the emulsion is well formed, then add the syrup of orange and enough water to make 15 fluid ounces; lastly add the elixir.

SOME UNDEVELOPED MINERAL RESOURCES

PLATINUM

Platinum is a valuable metal which in Canada so far has only been exploited as a by-product. The annual production is altogether derived from the placer working on the Simil-Kameen river district, in British Columbia, and the yield is now insignificant. Yet platinum occurs in Canada from the Atlantic to the Pacific. It has been sold at \$3.00 per ounce.

Throughout the west it is found in or near Serpentine. At Sudbury, Ontario, the metal is found associated, in combination with arsenic, in the nickeliferous deposits. It has to be shipped to New Jersey to be treated. Over five thousand ounces have been produced in a year, but this is not included in the reports of the Geological Survey.

Native platinum has been found in association with gold on the bars in the North Saskatchewan, in the neighborhood of Edmonton. A sample received at Ottawa from Mr. Pearce consisted of exceedingly minute rounded and flattened grains of native platinum, the largest not exceeding one-fourth of a millimeter, say one twenty-fifth of an inch, in diameter, with intermixed, equally minute scales of native gold.

It has been reported that comparatively large quantities of platinum were bought at low prices from placer miners in the Yukon, who were ignorant of its value and sold again at a large profit in Vancouver. In nearly all the rivers of British Columbia traces of platinum have already been noted.

Over 90 per cent. of the world's production of platinum is derived from the placer deposits of the Urals in Russia. Crude platinum, as obtained by washing of the gravels, is in the form of fine particles, grains and scales, about the size of the finest gunpowder, its color varying from light to dark grey. Nuggets are occasionally met with. The largest found, in the Gorablagodatsk district, was $72\frac{1}{2}$ ounces, and in the Nishni Tagilsk, 310 ounces.

At the present time the question of the supply of platinum is assuming great importance. Our imports included platinum wire and platinum in bars, strips, sheets or plates, platinum retorts, pans, condensers, tubing and pipe for manufacturers of sulphuric acid for use in their works. The aggregate value of these imports has been as high as \$57,910 in one year.

The British Columbia sources of platinum have so far been the most productive in North America.

GRAPHITE

What promises to be a large industry in this province is the mining and preparing for market of graphite, which is to be found in large quan-

Telegrams: Tyrer, Stratford, London.

A.B.C. Code, 5th Edition

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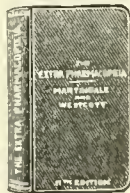
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DETROIT, MICHIGAN

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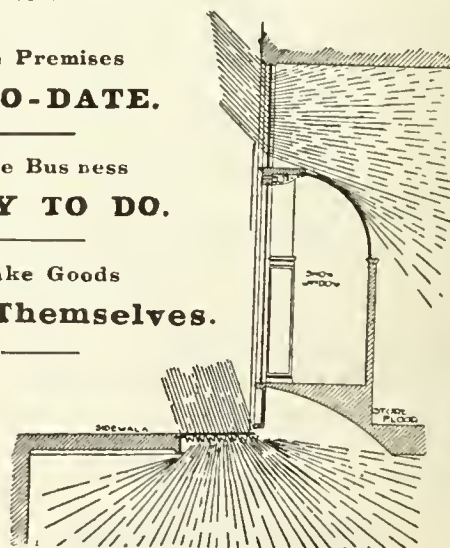
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tities in the eastern parts of the Province of Ontario.

Recently an amalgamation has been brought about of three different companies, who have formed an organization to develop graphite properties near the town of Perth in the county of Lanark, the name of the new company being the Globe Refining Co., Ltd. This company is capitalized at \$300,000 and intend to energetically work the property which they control.

The first yearly output of the company, we are told, has already been sold in Germany at a figure estimated to net \$150.00 per ton. The product is the finest flaked graphite and is used for the making of crucibles.

The Ontario Government officials have drilled the property and estimate that 2,000,000 tons are blocked out. A refinery has been built capable of treating ten tons per day, but it is the intention to still further extend their facilities and increase the output very materially.

PHARMACY NOTES

By Harold Wyatt.

In the following notes I claim no originality of method—they are simply a record of practical experience, and show what was done to cope with the peculiarities of the cases cited just as they came to hand.

ORDER OF MIXING COPAIBA MIXTURES.

The order of mixing causes a marked variation in the following case :

Copaibae	dr. 4
Liq. potassae	dr. 3
Succi hyoscyam	dr. 4
Mucil tragac	oz. 1
Syr. aurant	dr. 6
Aq. chlorof	ad. oz. 6
M. ft. mist.	

Make the mucilage in the bottle, add half the chloroform water, and shake with the copaiba until emulsified, then add the other ingredients, make up, and finally add the liq. potassae. This gives a fine, even, white emulsion. If the liq. potassae be added to the copaiba the emulsion is not so good, and is yellower in color.

This mixture exemplifies the fallacy of using two emulsifiers at the same time.

BARK MIXTURES.

Acid. nit. mur. dil.....	dr. 1½
Spt. chlorof.	dr. 1½
Ext. cinchon. liq.....	dr. 1½
Aquam	ad. oz. 6
M. ft. mist.	

Mix the acid, spt. chlorof., and extract together, and pour into the water. Any other way gives a flaky deposit.

This is further shown in the following mixture:

Tinct. cinchonae	dr. 2
Acid. Sulph. dil.....	dr. 2
Aq. chloroform	ad. oz. 4
M. ft. mist.	

Mix the bark with the acid and pour into the water. If the order be reversed and the tincture added to the acid and water a precipitate of a much darker color and much more bulky comes down.

FERRI ET QUININAE IN MIXTURES.

A troublesome class where incompatibles are prescribed with the scale preparation :

Ferri et quin. cit.....	dr. 1
Liq. strych.....	dr. 1
Ac. phosph. dil.....	dr. 1½
Syr. zingib.....	dr. 3
Spt. chlorof.....	dr. 2
Aq. menth. pip.....	ad. oz. 6
M. ft. mist.	

Dilute the acid with half the aq. menth. pip. and add the other ingredients dissolved and mixed with the remainder of that menstruum.

When the acid is added to the ferri et quin. cit. only slightly diluted a white precipitate of ferric phosphate comes down.

Ferri et quin. cit.....	dr. 1
Syr. aurant	oz. 1
Spt. chlorof.....	dr. 2
Dec. aloes co.....	ad. oz. 6
M. ft. mist.	

The precipitate which one would expect in this mixture is so finely divided and so well suspended that it gives no trouble and is not noticeable.

Ext. cocae liq.....	oz. 2
Ferri et quin. cit.....	dr. 3
Tr. gent. co.....	oz. 1½
Tr. nucis vom.....	dr. 5
Aquac	oz. ½
M. ft. mist.	

Instead of the tincture of nux vomica an equivalent amount of the liq. extract was employed to avoid the excess of alcohol precipitating the ferri et quin. cit.

Spt. ammon. arom.....	dr. 2
Ferri et quin. cit.....	m. 24
Ess. menth. pip.....	ad. oz. 6
M. ft. mist.	

With the consent of the doctor a fluid ounce of infusion of senega was used in this to suspend the precipitate, the patient objecting to a thick gummy or sweet mixture.

INSOLUBLE POWDERS IN MIXTURES.

I find that with bismuth. subnit. the mucilage is better mixed in the bottle with half the menstruum, and the bismuth levigated with the rest of the menstruum, a small amount at a time, and poured into the mucilage.

Bismuth carbonate does not really require mucilage to suspend it if it be kept freshly precipitated under water in the proportion of 60 grains to the fluid ounce.

My method is to calculate the amount of bismuth oxide in a required amount of bismuth carbonate, then take an equivalent in bismuth subnitrate, dissolve it with heat in excess of nitric acid diluted with twice its volume of water, and pour into plenty of warm solution of sodium carbonate, afterward washing the precipitated bismuth carbonate well by decantation.

It keeps well and by varying the temperature at which it is precipitated and washed it may be obtained in almost any desired state of density.

With subnitrate the method does not answer, as it continually yields up its nitric radical, so that finally it becomes little better than bismuth oxide, a fact pointed out by our president, Mr. Cowley, in one of his numerous and valuable contributions read before the association.

Sodi bicarbonatis	dr. 2
Bismuth, carbonatis	dr. 2
Acid. hydrocyan. dil.....	in. 24
Aq. chloroform	oz. 4
Aquae	ad. oz. 8
M. ft. mist.	

A good opportunity to use bismuth carbonate in the way mentioned occurred here, and obtained for me a good client.

Bismuth salicylate is best compounded by rubbing fine in a mortar, moistening with the tinctures so as to drive out the air its particles contain, mixing with the water and then pouring into the bottle on to the mucilage.

Potass. brom.....	gr. 2
Bismuth salicylate	gr. 80
Spt. chlorof.....	dr. 2
Pulv. tragac. co.....	dr. $\frac{1}{2}$
Aq. cinnamomi	ad. oz. 8
M. ft. mist.	

Magnesiae carb, and magnesia make much smoother mixtures if rubbed through a muslin strainer in a thin cream. This applies to nearly all insoluble powders, for the foreign bodies, sieve hairs, etc., removed from them when they are strained is rather surprising.

Boric acid, though not exactly an insoluble body, gives some trouble when in fairly large amounts owing to its tendency to float on the liquid. This can always be prevented by damping it with the tinctures before adding the water.

Acid. boric	dr. 2
Tr. hyoseyan	dr. 6
Liq. morphinae	dr. 3
Aquae	ad. oz. 6
M. ft. mist.	

Proceed as above and the mixture is easily turned out.

The following is a case in which one would look for a mixture requiring a "shake" label :

Acid. boric	dr. 2
Potass. citrat	dr. 4
Tr. hyoseyami	dr. 6
Liq. morphinae	dr. 2
Aquae	ad. oz. 6
M. ft. mist.	

In practice it proves to be quite clear, for the pot. cit. and acid. boric. react to produce potassium borate and free citric acid.

Salts in excess of solubility give frequent trouble, the greatest sinner in this respect being potassium chlorate. This would not be so if prescribers had the advantages of sodium chlorate pointed out to them. Its solubility is such that it should commend itself on that score alone, not to mention that its percentage of the chlorate radical is considerably higher than in the potassium salt.

The following mixtures show its advantages where used instead of the potassium chlorate :

Vin. ipecac	oz. 1
Pot. chlorat.....	dr. 1
Tr. quin ammon.....	oz. 2
Syr. aurantii	oz. 4
M. ft. mist.	
Ammon. carb.....	dr. 1
Pot. chlorat.....	dr. 3
Tr. camph. co.....	dr. 4
Vin. ipecac	dr. 2
Syr. tolu	dr. 6
Aq. chlorof.....	ad. oz. 6
M. ft. mist.	

Sodium chlorate gives fine, clear mixtures.

USES OF HYPOPHOSPHOROUS ACID IN DISPENSING

There are many cases where a few drops of hypophosphorous acid will work wonders in the prevention of iodine liberation in certain mixtures, and medical men to whom I have mentioned its use have, without exception, agreed as to its advantages. Where quinine and an acid and iodide of potassium are prescribed together, we all know what peculiar changes take place, an example of which is the following :

Quin. sulph.....	gr. 36
Acid hydrobrom. dil.....	dr. 4
Potass. iodid	dr. 1
Tr. aurant	dr. 6
Spt. chlorof.....	dr. 3
Aquae	ad. oz. 6
M. ft. mist.	

By adding to this 24 drops of acid. hypophosp. B. P. C. coloration is prevented entirely.

Where syr. ferri iodidi has become colored, as it will do, particularly in winter, when the actinic power of daylight is not sufficiently active to reduce the ferric oxyiodide gradually formed by the action of the air, warming gently and dropping in sufficient hypophosphorous acid will soon bring it back to its sea green color.

*Read before the Liverpool, England, Chemists' Association.

Quercitin, used as a dyestuff, is obtained from the bark of *Quercus Tinctoria*.

Cannabinol, claimed to be the active principle of "hashish," has been isolated by Fraenkel.

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GOLD MEDAL - ST. LOUIS - 1904

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COMPENDIUM OF CANADIAN FORMULAE

ISSUED AND SUBMITTED FOR DISCUSSION AND CRITICISM WITH THE APPROVAL OF
THE COUNCIL OF THE ONTARIO COLLEGE OF PHARMACY.

COMPENDIUM OF CANADIAN FORMULAE

It should be borne in mind that although the weights and measurements given are in both the Metric and Imperial systems, yet the quantities given are not in many cases equivalent to one another. The intention of the committee has been "to furnish formulae that will yield liquid products measuring twenty fluid ounces (or a convenient multiple of that figure) or one thousand cubic centimeters." The two systems cannot, of course, be used in making the one preparation.—Editor C. D.

The Pharmaceutical Research Committee who have prepared the report, consists of the following members of the Council: Messrs. John Hargreaves, Henry Watters, W. A. Karn, E. W. Case, and R. A. Harrison.

1. ALCOHOL, DEODORATUM

Deodorized Alcohol.

Alcohol (95 per cent.).....	160 fl. oz.	5,000 Cc.
Powdered quicklime.....	300 grains	20 Gm.
Powdered alum.....	150 grains	10 Gm.
Spirit of nitrous ether.....	1 $\frac{1}{4}$ fluidrachm	4.5 Cc.

Mix the lime and alum intimately by trituration; add to the alcohol and shake well, then add the spirit of nitrous ether, set aside for seven days, and filter through powdered animal charcoal.

2. AQUA OLEI ROSAE

Water of Oil of Rose.

Oil of rose.....	1
Calcium phosphate or purified talcum.....	2
Distilled water.....	500

Triturate the oil of rose with the phosphate of calcium (or the purified talcum), gradually add the distilled water, continually triturating, and filter.

Note.—The following medicated waters may be made in the same manner as water of oil of rose, and used in the place of the corresponding aquae of the text of the B. P.:

Aqua olei anethi, aqua olei anisi, aqua olei carui, aqua olei cinnamomi, aqua olei foeniculi, aqua olei menthae viridis, aqua olei menthae piperitae, aqua olei pimentae.

3. CAPSULAE APIOL ET ERGOTINI

Capsules of Apiol and Ergotin.

Each capsule to contain apiol five (5) minims (0.30 Cc.) and Ergotin two (2) grains (0.13 Gm.).

4. CAPSULAE COLCHICINAE ET METHYL SALICYLATIS

Capsules of Salicylate of Colchicine and Methyl.

Colchicine salicylate.....	1 grain	.065 Gm.
Methyl salicylate.....	1250 minims.	74 Cc.

Dissolve and fill into 250 capsules.

Each capsule contains colchicine 1-250th grain (0.00025 Gm.), and methyl salicylate 5 minims. (0.30 Cc.). Dose, one capsule.

5. CERATUM GALENI

Galen's Cerate.—Cold Cream.

Liquid paraffin.....	16 fluid ounces	160.0 Cc.
White beeswax.....	4 ounces	40.0 Gm.
Spermaceti	1 ounce	10.0 Gm.
Borax	30 grains	0.625 Gm.
Oil of rose	10 minims.	0.2 Cc.
Distilled water	8 fluid ounces	80.0 Cc.

Dissolve the borax in the distilled water; melt the white beeswax and spermaceti with the liquid paraffin at a gentle heat; pour the mixture into a warmed mortar and add while yet hot the borax solution previously warmed, with constant trituration, and finally the oil of rose and continue the trituration until cold.

In hot weather the quantity of white beeswax may be increased to 5 $\frac{1}{2}$ ounces (53 Gm.) and the spermaceti to 2 ounces (20 Gm.).

6. CHLORAL CAMPHORATUM

Camphorated Chloral.

Chloral	2 ounces	50 Gm.
Camphor	2 ounces	50 Gm.

Mix them by agitation in a bottle, or by trituration in a warm mortar until liquified and combined.

7. CHLOROFORMUM CAMPHORATUM

Camphorated Chloroform.

Camphor	2 ounces	200 Gm.
Chloroform	1 fluid ounce	100 Cc.

Dissolve the camphor in the chloroform by agitation.

8. COLLODIUM SALICYLATUM COMPOSITUM

Compound Salicylated Collodion.—Corn Collodion.

Salicylic acid.....	1 ounce 45 grains	11 Gm.
Extract of Indian hemp.....	90 grains	2 Gm.
Alcohol	1 ounce	10 Gm.
Flexible Collodion, sufficient quantity to make 10 ounces.....		100 Gm.

Dissolve the extract of Indian hemp in alcohol and the salicylic acid in about 5 ounces (50 Gm.) of flexible collodion contained in a tared bottle. Then add the former solution to the latter and finally add enough flexible collodion to make 10 ounces (100 Gm.).

9. ELIXIR AMMONII BROMIDI

Elixir of Ammonium Bromide.

Ammonium bromide...	800 grains	91.5 Gm.
Citric acid.....	35 grains	4 Gm.
Aromatic elixir, a sufficient quantity to make	20 fl. ounces	1,000 Cc.

Dissolve the ammonium bromide and citric acid in about 10 fluid ounces (or 500 Cc.) of aromatic elixir, by agitation. Then add enough aromatic elixir to make 20 fluid ounces (1,000 Cc.) and filter, if necessary.

Each fluidrachm contains 5 grains (0.32 Cc.) of ammonium bromide.

10. ELIXIR ANISI

Elixir of Anise.—Aniseed Cordial.

Anethol	65 minims.	3.5 Cc.
Oil of fennel.....	10 minims.	0.5 Cc.
Spirit of bitter almond.....	4 fluidrachms	12 Cc.
Deodorized alcohol.....	9½ fl. ounces	240 Cc.
Syrup	25 fl. ounces	625 Cc.
Water	5 fl. ounces	125 Cc.
Magnesium carbonate...	4½ drachms	15 Gm.

Mix the anethol, the oil and the spirit of bitter almond with the deodorized alcohol, add the syrup and water and set the mixture aside for twelve hours. Then mix it intimately with the magnesium carbonate and filter it through a wetted filter, returning the first portions of the filtrate until it runs through clear.

11. ELIXIR AROMATICUM

Aromatic Elixir.

Compound spirit of orange	230 minims.	12 Cc.
Syrup	14 fl. ounces	375 Cc.
Precipitated calcium phosphate	285 grains	15 Gm.
Deodorized alcohol and distilled water, a sufficient quantity of each to make.....	40 fl. ounces	1,000 Cc.

To the compound spirit of orange add enough deodorized alcohol to make 10 fluid ounces (250 Cc.). In this solution add the syrup in several portions, agitating after each addition, and afterwards add in the same manner 14 fluid ounces (375 Cc.) of distilled water. Mix the calcium phosphate intimately with the liquid and then filter through a wetted filter, returning the first portions of the filtrate until a transparent liquid is obtained. Lastly, wash the filter with a mixture of one part of deodorized alcohol to three parts of water until the product measures 40 fluid ounces (1,000 Cc.).

12. ELIXIR AURANTII

Elixir of Orange.—Simple Elixir.

Spirit of orange.....	4 fl. ounces	4 Cc.
Deodorized alcohol.....	25 fl. ounces	25 Cc.
Simple syrup	40 fl. ounces	40 Cc.
Distilled water	31 fl. ounces	31 Cc.
Talcum, a sufficient quantity.		

Mix the several ingredients in the order named; shake occasionally and filter through talcum until clear.

13. ELIXIR CALCII ET SODII GLYCEROPHOSPHATIS

Elixir of Glycerophosphate of Calcium and Sodium.

Glycerophosphate calcium	320 grains	18.3 Gm.
Glycerophosphate sodium	160 grains	9.15 Gm.
Gluside	5 grains	0.286 Gm.
Concentrated phosphoric acid	150 grains	8.58 Gm.
Tincture of fresh sweet-orange peel...	1¼ fl. ounce	31.25 Cc.
Glycerin	7½ fl. ounces	187.5 Cc.
Sherry	10 fl. ounces	250 Cc.
Distilled water sufficient quantity to make	40 fl. ounces	1,000 Cc.

Dissolve the glycerophosphates of calcium and sodium in ten fluid ounces (250 Cc.) of distilled water with which the concentrated phosphoric acid has been previously mixed. Then add the glycerin, sherry and the gluside dissolved in the tincture of orange and enough distilled water to make the finished elixir measure 40 fluid ounces (1,000 Cc.). Filter through paper sprinkled with talcum.

Note.—Each fluidrachm contains calcium glycerophosphate, 1 grain (0.065 Gm.); sodium glycerophosphate, ½ grain (0.325 Gm.).

14. ELIXIR LITHII SALICYLATIS

Elixir of Lithium Salicylate.

Lithium Salicylate...	800 grains	91.5 Gm.
Aromatic elixir, sufficient quantity to make	40 fl. ounces	1,000 Cc.

Dissolve the lithium salicylate in about 36 fluid ounces (900 Cc.) of aromatic elixir by agitation. Then add enough aromatic elixir to make 40 fluid ounces (1,000 Cc.) and filter.

Each fluidrachm contains 5 grains (0.325 Gm.) of lithium salicylate.

15. ELIXIR PEPSINI COMPOSITUM

Compound Elixir of Pepsin.—Elixir Digestivum Compositum.—Elixir of Digestive Ferments.—Elixir of Lactated Pepsin.

Pepsin	175 grains	10 Gm.
Pancreatin	17½ grains	1 Gm.
Diastase	17½ grains	1 Gm.
Lactic acid	1 fl. drachm	3 Gm.
Hydrochloric acid....	2 fl. drachms	6 Cc.
Glycerin	10 fl. ounces	250 Cc.
Water	5 fl. ounces	250 Cc.
Tincture of cudbear.	5 fl. ounces	125 Cc.
Compound tincture of Cardamom	2 fl. ounces	50 Cc.
Purified talcum	1 av. ounce	30 Gm.
Aromatic elixir, sufficient quantity to make	40 fl. ounces	1,000 Cc.

Mix the acids with the glycerin and water, add the pepsin, pancreatin and diastase to this mixture, and macerate with occasional agitation until solution is apparently effected. Then add the tincture of cudbear and enough aromatic elixir to make 40 fluid ounces (1,000 Cc.). Incorporate the

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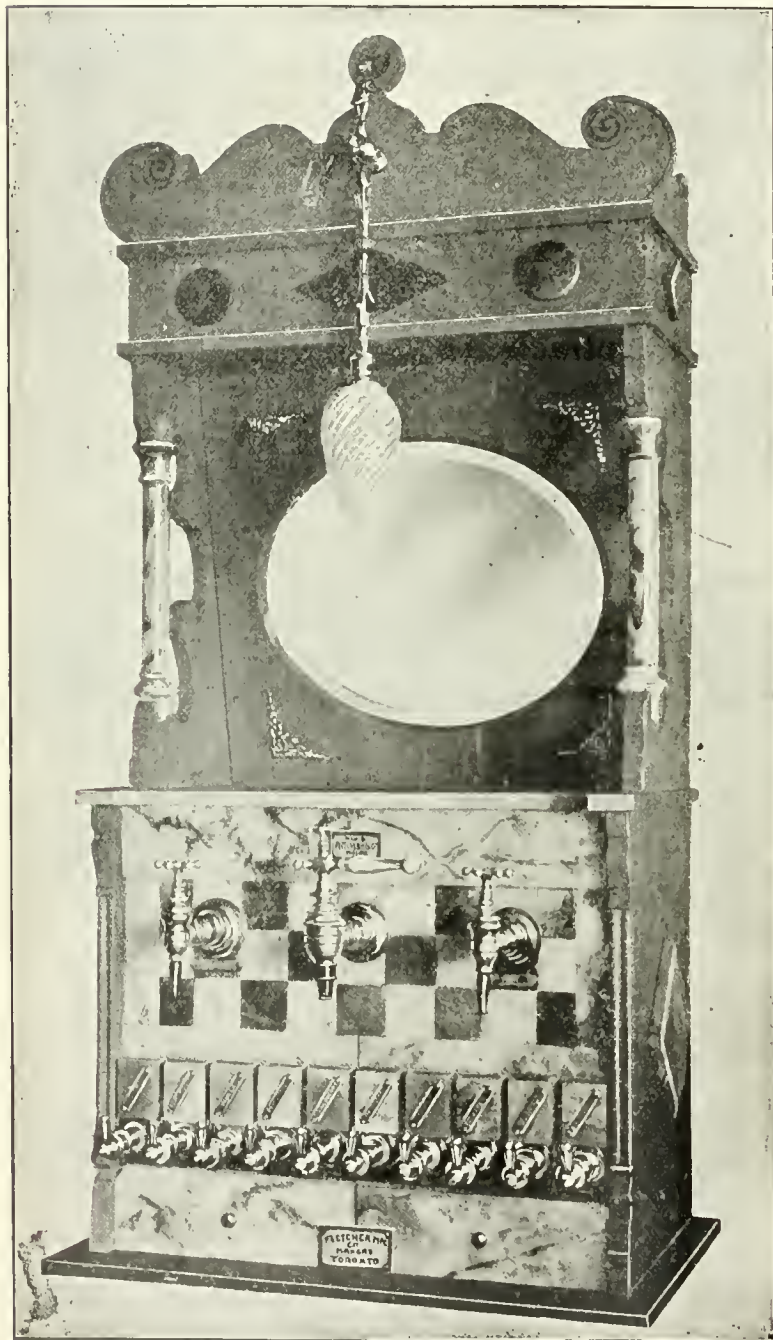
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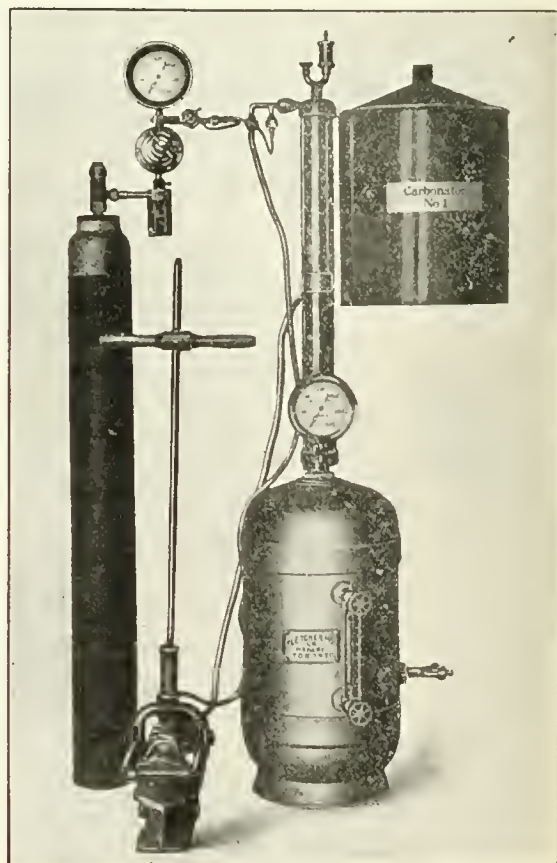
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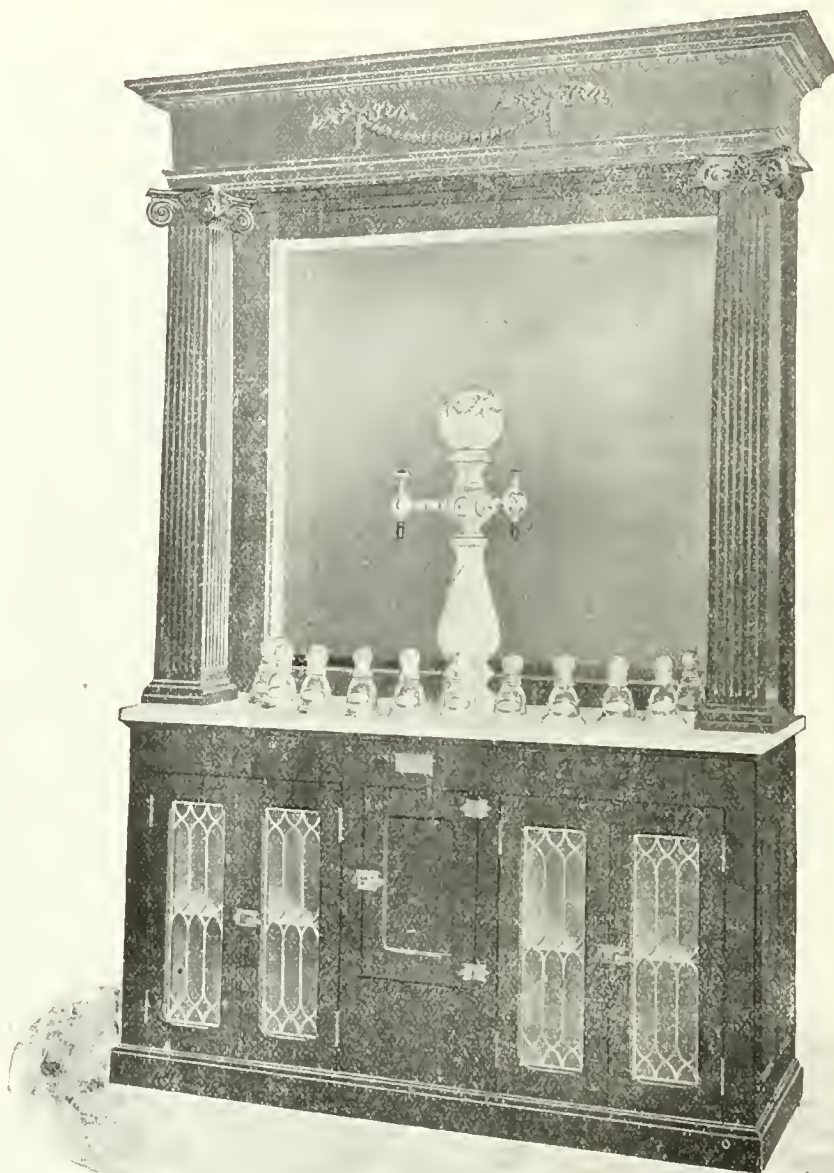
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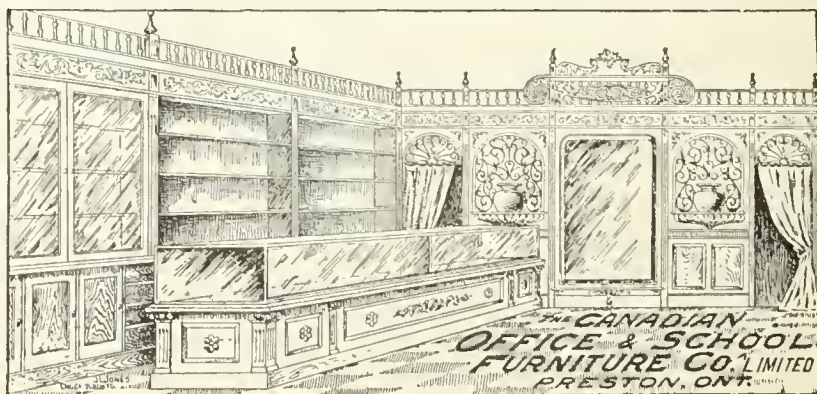
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purified talcum thoroughly with the mixture and filter.

Note.—The best commercial variety of diastase capable of converting the largest amount of starch into dextrin and glucose, should be used for this preparation.

16. ELIXIR POTASSII BROMIDI

Elixir of Potassium Bromide.

Potassium Bromide	3 ounces 288 grains	183. Gm.
Solution of Carmine	35 minims.	2. Cc.
Distilled water.	7 fl. ounces	175. Cc.
Elixir of Orange, a sufficient quantity to make.....	40 fl. ounces	1,000 Cc.

Dissolve the potassium bromide in the distilled water and about 25 fluid ounces (625 Cc.) of the elixir of orange by agitation; add the solution of carmine and sufficient elixir of orange to make 40 fluid ounces (1,000 Cc.). Let stand a few hours and filter.

Each fluidrachm contains 10 grains (0.65 Gm.) of potassium bromide.

17. ELIXIR RHÆI ET MAGNESII ACETATIS

Elixir of Rhubarb and Magnesium Acetate.

Calcined magnesia.....	355 grains	20 Gm.
Acetic acid	a sufficient quantity.	
Fluid extract of rhubarb	5 fl. ounces	125 Cc.
Aromatic elixir, sufficient quantity to make.	40 fl. ounces	1,000 Cc.

Dissolve the magnesia in 6 fluid ounces (150 Cc.) of acetic acid with the aid of a gentle heat, adding, if necessary, a little more acetic acid, drop by drop until the solution is neutral to test-paper. Then add the fluid extract and enough aromatic elixir to make 40 fluid ounces (1,000 Cc.) and filter.

Each fluidrachm represents about 4 grains (or .26 Gm.) of magnesium acetate and $7\frac{1}{2}$ grains (or 0.5 Gm.) of rhubarb.

18. ELIXIR TERPINI HYDRATIS ET CODEINAE

Elixir of Terpin Hydrate and Codeine.

Terpin hydrate	320 grains	18.3 Gm.
Codeine phosphate..	40 grains	2.29 Gm.
Gluside	10 grains	0.572 Gm.
Tincture fresh sweet-orange peel	$1\frac{1}{4}$ fl. ounces	31.25 Cc.
Alcohol (95 p. cent.)..	13 fl. ounces	325 Cc.
Glycerin	20 fl. ounces	500 Cc.
Elixir of orange, sufficient quantity to make	40 fl. ounces	1,000 Cc.

Dissolve the terpin hydrate, codeine phosphate and gluside in the alcohol with a gentle heat, add the tincture of orange, glycerin and enough elixir of orange to make 40 fluid ounces (1,000 Cc.).

Each fluidrachm contains terpin hydrate, 1 grain (0.065 Gm.) and codeine phosphate, 1-8th grain (0.008 Gm.).

19. ELIXIR TERPINI HYDRATIS ET HEROINAE

Elixir of Terpin Hydrate and Heroine.

Terpin hydrate	320 grains	18.3 Gm.
Heroine hydrochloride	13 1-3 grains	0.763 Gm.
Gluside	10 grains	0.572 Gm.
Tincture of vanilla (1 in 10).....	$1\frac{1}{4}$ fl. drachms	4 Cc.
Brandy	5 fl. drachms	16 Cc.
Alcohol (95 per cent.)	15 fl. ounces	375 Cc.
Glycerin	20 fl. ounces	500 Cc.
Distilled water, a sufficient quantity to make	40 fl. ounces	1,000 Cc.

Dissolve the terpin hydrate, heroine hydrochloride and the gluside in the alcohol with a gentle heat; add the tincture of vanilla, brandy, glycerin and lastly enough distilled water to make 40 fluid ounces (1,000 Cc.).

Each fluidrachm contains terpin hydrate, 1 grain (0.065 Gm.) and heroine hydrochloride 1-24th grain (0.0025 Gm.).

20. ESSENTIA PEPSINI

Essence of Pepsin.—Elixir of Pepsin.

Glycerin of pepsin, B. P.....	4 fl. ounces	100 Cc.
Sherry	5 fl. ounces	125 Cc.
Glycerin	5 fl. ounces	125 Cc.
Alcohol (95 per cent.)	$3\frac{1}{2}$ fl. ounces	87.5 Cc.
Tincture of fresh sweet orange peel.	5 fl. drachms	15.625 Cc.
Distilled water, sufficient.)	$3\frac{1}{2}$ fl. ounces	87.5 Cc.

Mix and filter through paper sprinkled with talcum.

21. EXTRACTUM CASCARAE SAGRADAÆ AROMATICUM FLUIDUM

Aromatic Fluid Extract of Cascara Sagrada.—Aromatic Cascara Sagrada.

Cascara sagrada bark, prime, two years old, in coarse powder	5 lbs.	2268. Gm.
Licorice root, in coarse powder.....	10 ounces	284.00 Gm.
Calcined magnesia, fresh	12 $\frac{1}{2}$ ounces	354.37 Gm.
Gluside	40 grains	.260 Gm.
Oil of coriander.....	15 minims.	.882 Cc.
Oil of anise.....	20 minims.	1.17 Cc.
Rectified spirit.....	15 fl. ounces	425.70 Cc.
Glycerin	10 fl. ounces	283.80 Cc.
Water	$1\frac{3}{4}$ gallons	7.95 Litre

Mix the cascara, licorice and magnesia thoroughly; add the water in portions, mixing well. Place the mass over a water-bath or steam-bath, and heat for four hours or until the bitter taste has almost or entirely disappeared. Pack the mass in a percolator and percolate with distilled water until exhausted. Evaporate the percolate over a water-bath or steam-bath to 55 fluid ounces (1560.90 Cc.).

Dissolve the gluside, oil of coriander and oil of anise in the alcohol; mix with the glycerin and

then with the concentrated percolate by shaking thoroughly.

Note.—Other aromatic oils may be substituted for the oils of coriander and anise, if desired.

22. EMULSIO OLEI MORRHUAE

Emulsion of Cod Liver Oil.

Cod liver oil	10 fl. ounces	500. Cc.
Powdered acacia.....	2½ ounces	125. Gm.
Solution of gluside....	1 fl. drachm	7.5 Cc.

or

Tolu syrup.....	2 fl. ounces	100. Cc.
Flavoring	as desired.	
Water, sufficient quantity to make.....	20 fl. ounces	1000. Cc.

Triturate the oil and acacia together in a mortar. Add at once to the mixture of oil and acacia 5 fluid ounces (250 Cc.) of water, having a temperature not less than 70 degrees C., triturating briskly until a thick creamy emulsion is produced. To this add the desired flavoring, the solution of gluside or syrup of tolu, and enough water to make 20 fluid ounces (1,000 Cc.).

Note.—Hypophosphites of calcium or sodium can be included in this emulsion by dissolving in the water.

23. EMULSIO OLEI MORRHUAE CUM PEPSINA

Cod liver oil.....	144 fl. ounces	4082.40 Cc.
The yolks of twenty-four eggs.....	24	Gm.
Glycerin	24 fl. ounces	680.40 Gm.
White sugar.....	40 ounces	1174. Gm.
Compound powder of acacia	4½ ounces	127.8 Gm.
Lime water.....	72 fl. ounces	2041.20 Cc.
Diluted phosphoric acid	9 fl. ounces	255.15 Cc.
Essence of pepsin....	24 fl. ounces	680.40 Cc.
Flavor, as required (if essential oils)..	3 fl. drachms	9.15 Cc.

Rub the yolks of the eggs in a mortar (whites of half the number of eggs may be added with advantage) until a smooth paste results; add the glycerin and triturate vigorously. Add the compound powder of acacia, then the cod liver oil in portions of about 8 fluid ounces (230 Cc.) at a time. When the oil is emulsified add the lime water containing the sugar in solution and stir vigorously; then add the diluted phosphoric acid and finally the essence of pepsin, and stir vigorously for fifteen minutes. Allow the emulsion to stand for two hours, and strain through cheese cloth.

24. FLAVORS FOR EMULSION

The quantities given below are intended for 40 fluid ounces (1000 Cc.) of finished emulsion.

1. Oil of gaultheria... ..	78 minims.	4. Cc.
2. Oil of gaultheria.....	40 minims.	2. Cc.
Oil of sassafras	40 minims.	2. Cc.
3. Compound spirit of orange	30 minims.	1.5 Cc.

4. Oil of gaultheria.....	40 minims.	2. Cc.
Oil of bitter almond...	4 minims.	0.25 Cc.
Oil of coriander.....	4 minims.	0.25 Cc.
5. Oil of gaultheria.....	30 minims.	1.5 Cc.
Oil of sassafras	30 minims.	1.5 Cc.
Oil of bitter almond..	4 minims.	0.25 Cc.
6. Oil of gaultheria.....	48 minims.	2.5 Cc.
Oil of bitter almond...	48 minims.	2.5 Cc.
7. Oil of neroli	30 minims.	1.5 Cc.
Oil of bitter almond...	30 minims.	1.5 Cc.
Oil of cloves.....	4 minims.	0.25 Cc.

25. GARGARISMA CHLORI

Chlorine Gargle.

Powdered potassium chlorate	10 grains	1.15 Gm.
Hydrochloric acid....	30 minims.	3.25 Cc.
Distilled water, sufficient to make.....	20 fl. ounces	1000 Cc.

Add the acid to the chlorate in a large bottle; when the gas given off has displaced the air, add the water gradually, corking and shaking the bottle after each addition.

26. GLYCERINUM BELLADONNAE

Glycerin of Belladonna.

Green extract of belladonna	1 ounce	28.4 Gm.
Boiling distilled water	1 fl. drachm	3.5 Cc.
Glycerin, sufficient quantity to make..	2 fl. ounces	56.8 Cc.

Rub together in a warm mortar the extract of belladonna and the boiling distilled water to produce a smooth paste; then add sufficient glycerin to make 2 fluid ounces (56.8 Cc.).

27. GLYCERINUM HEROINAE COMPOSITUM

Compound Glycerin of Heroine.—Glycaphorm.

Heroine Hydrochloride	10 grains	1.13 Cc.
Chloroform	20 minims.	2.09 Cc.
Syrup of roses.....	10 fl. ounces	500 Cc.
Distilled water	2 fl. ounces	100 Cc.
Alcohol	40 minims.	4.17 Cc.
Glycerin, sufficient to make	20 fl. ounces	1000 Cc.

Dissolve the heroine in the distilled water and add the syrup of roses gradually, shaking after each addition. Dissolve the chloroform in the alcohol and add to the syrup; then add sufficient glycerin to make 20 fluid ounces (1000 Cc.).

28. GLYCERINUM IODI

Glycerin of Iodine.

Iodine, resublimed.....	1 part
Glycerin	50 parts

Dissolve the iodine in the glycerin with the aid of a gentle heat.

Note.—This forms a useful pigment, the skin does not get hardened by repeated applications and does not peel off.

John Wyeth & Brother
Incorporated
Manufacturing Chemists,
Philadelphia

Lyman, Sons & Co.
Canadian Factors,
Montreal, Can.

December 1, 1903

TO THE DRUG TRADE:

We are pleased to announce that in order our many friends among the drug trade throughout Canada may be assured that our products supplied them will be identical with those emanating from our home laboratories, standard in quality, elegant in finish, accurate and permanent in composition, and that all preparations of our manufacture shall as well be promptly obtainable, we have recently had constructed and have now in operation at Montreal, under direct supervision and in charge of expert and competent chemists and pharmacists, who have had thorough and practical training in our home laboratories, a complete and well appointed laboratory, equipped with all the modern and improved appliances for the manufacture of our complete lines of pharmaceutical preparations, and hereafter all preparations emanating from our Canadian laboratories will bear across the label, in red letters, the imprint "LYMAN, SONS & CO., Canadian Factors, Montreal, Canada," and that hereafter and until further notice Messrs. Lyman, Sons & Co., of Montreal, will act as general distributors of the output of our Canadian laboratories, with The Lyman Brothers & Co., Limited, of Toronto, established as our distributing agents for central and western Ontario.

With this complete line of our standard pharmaceutical preparations immediately available, we trust druggists generally will feel encouraged to specify our products when placing their orders with their regular wholesale house.

Appreciating the favor and confidence we have enjoyed for so many years at your hands, and assuring you it shall be our endeavor to deserve your highest favor and confidence for the future,

We are,

Yours very truly,

John Wyeth & Brother
Incorporated



Though a poison and originally designed for Rats and Mice, experience has demonstrated it the most effective of all exterminators of Roaches, Ants and Bed Bugs. Always does the work and does it right. Fools the rats and mice but never fools nor disappoints the buyer. Knocks a bed bug silly and puts roaches out of business in a jiffy.

15c, \$1.20 doz.; 25c, \$2.00 doz.

Rough on Roaches and Ants

Non-Poisonous—15c, \$1.20 doz.; 25c, \$2.00 doz

Rough on Fleas

Powder, 25c, \$2.00 doz

Liquid, 25c, \$2.00 doz

The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

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Liquid, 15 & 25c

\$1.20 & \$2.00 doz

Rough on Moth and Beetle

2 lb. cans

35c, \$3 doz

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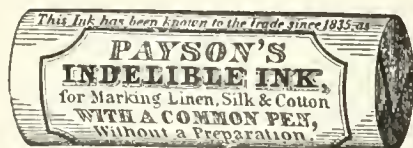


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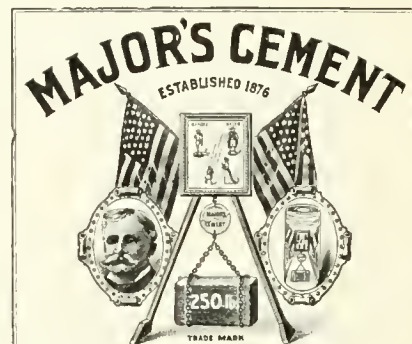
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J. A. CURLE, LTD.

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

29. GLYCERINUM TALCI COMPOSITUM

Compound Glycerin of Talcum.

Boric acid.....	3 ounces	30 Gm.
Thymol	1 drachm	1.25 Gm.
Menthol	1 drachm	1.25 Gm.
Oil of eucalyptus.....	1 drachm	1.25 Gm.
Oil of wintergreen....	2 drachms	2.5 Gm.
Purified talcum	50 ounces	500 Gm.
Glycerin	20 fl. ounces	200 Cc.

Dissolve the thymol and menthol in the oils. Boil the glycerin for five minutes and dissolve in it the boric acid, then add the talcum and the oils; triturate thoroughly until a homogenous mixture results.

30. LINIMENTUM AMMONII IODIDI

Liniment of Ammonium Iodide.

Strong solution of am-

monia	5 fl. ounces	50 Cc.
Tincture of iodine....	5 fl. ounces	50 Cc.
Glycerin	5 fl. ounces	50 Cc.
Tincture of camphor.	5 fl. ounces	50 Cc.

Mix and agitate.

Note.—On standing the liquid will become colorless, usually with a slight deposit, which may be separated by filtration.

31. LINIMENTUM MENTHOL COMPOSITUM

Compound Menthol Liniment.

Menthol	1 ounce	10 Gm.
Liniment of ammoni- um iodide	39 fl. ounces	490 Cc.

Mix and shake until the menthol is dissolved.

32. LIQUOR ANTISEPTICUS

Antiseptic Solution.

Thymol	9 grains	0.5 Gm.
Eucalyptol	9 grains	0.5 Gm.
Oil of mitcham pep- permint	20 minims.	1 Cc.
Oil of wintergreen....	20 minims.	1 Cc.
Fluid extract of wild indigo	7½ fl. drachms	16 Cc.
Natural Benzoic acid.	282 grains	16 Gm.
Boric acid	282 grains	16 Gm.
Talcum	180 grains	16 Gm.
Alcohol (95 per cent)	15 fl. ounces	375 Cc.
Water	25 fl. ounces	625 Cc.

Makes about 40 fluid ounces (1,000 Cc.).

Dissolve the thymol, eucalyptol, oils and fluid extract and benzoic acid in the alcohol. Dissolve the boric acid in the water with the aid of heat and add to the alcoholic solution. Then add the talcum, allow to stand a few hours, cool and filter.

33. LIQUOR AURI ET ARSENII BROMIDI

Solution of Bromide of Gold and Arsenic.

Arsenious acid	10 grains	2.5 Gm.
Tribromide of gold....	13 grains	3.25 Gm.
Bromine water, dis- tilled water, of each a sufficient quan- tity to make.....	10 fl. ounces	1000 Cc.

Introduce the arsenious acid and about 1-3 fluid ounces (135 Cc.) of bromine water in a flask and heat gently until all free bromine has

disappeared. Then add bromine water, 20 to 30 drops at a time, until it will be present in slight excess, or until the solution does not become colorless after some time. Transfer the solution to a porcelain capsule, expel the excess of bromine with the aid of gentle heat, dilute it with water to about 9 fluid ounces (900 Cc.), and dissolve in this the tribromide of gold, adding enough water to make 10 fluid ounces (1000 Cc.).

Ten (10) minims of this solution contain 1/32 grain (.002 Gm.) of tribromide of gold and the equivalent of 1-16 grain (0.004 Gm.) of tribromide of arsenic.

Note.—Bromine water is made by shaking bromine with about thirty times its weight of water, occasionally during several hours, and decanting the water from the undissolved bromine.

34. LIQUOR BORACIS COMPOSITUS

Compound Solution of Borax—Dobell's Solution.

Borax	131 grains	15 Gm.
Sodium bicarbonate.	131 grains	15 Gm.
Carbolic acid	26 grains	3 Gm.
Glycerin	5 fl. dr.	36 mins. 35 Cc.
Water, a sufficient quantity to make..	20 fl. ounces	1000 Cc.

Dissolve the salts in about 10 fluid ounces (500 Cc.) of water, and then add the glycerin and the carbolic acid, previously liquefied by warming, and lastly enough water to make 20 fluid ounces (1000 Cc.).

35. LIQUOR BROMO-CHLORAL COMPOSITUS

Compound Solution of Bromo-Chloral.

Chloral hydrate	3½ ounces	182.75 Gm.
Potassium bromide.	3½ ounces	182.75 Gm.
Tincture of Indian hemp	6 fl. drachms	41.65 Cc.
Tincture of orange peel	6 fl. drachms	41.65 Cc.
Henbane juice	3 fl. ounces	165.55 Cc.
Syrup	3¼ fl. ounces	187.5 Cc.
Fluid extract of li- corice	½ fl. ounce	25 Cc.
Distilled water, suf- ficient quantity to make	20 fl. ounces	1000 Cc.

Dissolve the potassium bromide in 7 ounces (330 Cc.) of water, and mix all the other ingredients except the water together. Add the solution of potassium bromide, filter and wash the filtrate with enough distilled water to make (20) twenty fluid ounces (1000 Cc.). Dose, ½ to 2 fl. drams.

36. LIQUOR CARMINI

Solution of Carmine.

Carmine	1 ounce 87 grains	60 Gm.
Solution of am- monia	7 fl. ounces	350 Cc.
Glycerin	7 fl. ounces	350 Cc.
Water, a sufficient quantity to make..	20 fl. ounces	1000 Cc.

Triturate the carmine to a fine powder in a wedgewood mortar, gradually add the solution of ammonia, and afterwards the glycerin under

constant trituration. Transfer the mixture to a porcelain capsule and heat it upon a water-bath, constantly stirring, until the liquid is free from ammoniacal odor. Then cool and add enough water to make 20 fluid ounces (1000 Cc.).

37. LIQUOR GLUSIDI

Solution of Gluside—Elixir of Saccharin.

Elixir of Saccharin.

Gluside	1 oz. 202.5 grains	73. Gm.
Sodium bicarbonate.	292 grains	33 Gm.
Alcohol	5 fl. ounces	250 Cc.
Water, a sufficient quantity to make.	20 fl. ounces	1000 Cc.

Dissolve the gluside and the sodium bicarbonate in 13 fluid ounces (650 Cc.) of water, filter the solution, add the alcohol to the filtrate and pass enough water through the filter to make 20 fluid ounces (1000 Cc.).

Each fluidrachm represents 4 grains (0.26 Gm.) of gluside.

38. LIQUOR IODI DILUTUS

Diluted Solution of Iodine.

Iodine	440 grains	50 Gm.
Iodide of Potassium.	600 grains	67.5 Gm.
Distilled water, a sufficient quantity to make.	20 fl. ounces	1000 Cc.

Dissolve.

39. LIQUOR ZINGIBERIS

Solution of Ginger.

Strong tincture of ginger (1 in 2).....	10 fl. ounces	500 Cc.
Purified talcum	6½ ounces	333.33 Gm.
White sugar.....	6¾ ounces	333.33 Gm.
Distilled water, a sufficient quantity to make.....	20 fl. ounces	1000 Cc.

Triturate the tincture of ginger with the sugar and purified talcum, add the distilled water, shake and filter, returning the first portions of filtrate to the filter until a clear liquid is obtained.

40. LOTIO CALAMINAE

Calamine Lotion.

Levigated calamine.	40 grains	2.59 Gm.
Zinc oxide.....	20 grains	1.29 Gm.
Glycerin	20 minims.	1.25 Cc.
Water (or rose water), a sufficient quantity to make.	1 fl. ounce	28.4 Cc.

Trituate the calamine and zinc oxide by triturating them in a mortar with successive portions of the water and decanting from the silicious matter, then add the glycerin.

41. LOTIO CALCIS SULPHURATAE

Sulphurated Lime Lotion.—Vlemink's Solution.

Slaked lime.....	3 oz. 132 grains	165 Gm.
Sublimed sulphur....	5 ounces	250 Gm.
Distilled water, a sufficient quantity to make.....	20 fl. ounces	1000 Gm.

Mix the slaked lime with the sulphur and add the mixture gradually to 33 fluid ounces (1650

Cc.) of boiling water. Then boil the whole under constant stirring until it measures 20 fluid ounces (1000 Cc.) strain, and having allowed the solution to become clear by standing in a well stoppered bottle decant the clear brown liquid and keep it in completely filled and well stoppered bottles.

42. MISTURA BUTYL-CHLORAL

Butyl-chloral hydrate....	80 grains	9.1 Gm.
Glycerin	5 fl. drachms	35. Cc.
Distilled water, a sufficient quantity to make.	20 fl. ounces	1000 Cc.

Mix and dissolve. Dose, one fluid ounce.

43. OLEUM RICINI AROMATICUM

Aromatic Castor Oil.—Sweet Castor Oil.

Gluside.....	7½ grains	0.4 Gm.
Chloroform.....	75 minims.	4 Cc.
Oil of pimenta.....	38 minims.	2.00 Cc.
Oil of cassia.....	38 minims.	2.00 Cc.
Oil of cloves.....	38 minims.	2.00 Cc.
Castor oil, a sufficient quantity to make ...	40 fl. ounces	1000 Cc.

Mix the oils and dissolve the gluside in the mixture; add the solution to the castor oil, then add the chloroform and shake vigorously.

44. PASTA IODI ET AMYLI

Iodine and Starch Paste.

Starch, in powder	1 ounce	10 Gm.
Glycerin	2 ounces	20 Gm.
Water	6 ounces	60 Gm.
Diluted solution of iodine	1 ounce	10 Gm.

Boil the starch in the glycerin and water; when nearly cold add the solution of iodine and mix thoroughly.

45. PULVIS ACETANILIDI COMPOSITUS

Compound Powder of Acetanilide.

Acetanilide	7 ounces	70 Gm.
Caffeine	1 ounce	10 Gm.
Sodium bicarbonate	2 ounces	20 Gm.

Reduce the ingredients separately to a fine powder and mix them thoroughly.

Dose : 3 to 5 grains.

46. PULVIS PRO MISTURA CRETAE

Powder for Chalk Mixture.

Prepared chalk	50 grains	5.0 Gm.
Powdered tragacanth	7 grains	0.7 Gm.
Powdered sugar	100 grains	10.0 Gm.

Mix the powders and keep in a stoppered bottle.

When required for making chalk mixture use 40 grains (2.6 Gm.) of the powder to each fluid ounce (28.4 Cc.) of cinnamon water.

47. PULVIS ACACIAE COMPOSITUS

Compound Acacia Powder.

Powdered acacia	5 parts
Powdered tragacanth	5 parts
Powdered starch	5 parts
Powdered sugar	5 parts
Powdered boric acid	1 part

Triturate the powders together until thoroughly mixed.

The Stearns Fly Paper

has been killing flies for over twenty five years, and fly habits and tastes have not changed very materially in that period. Been killing flies in Canada--United States--Mexico--South America--Africa--Australia--India--in fact kills all kinds of flies in all corners of the earth.

We Sell Carloads of Fly Paper

Which is the most conclusive evidence of its value as a fly killer.

We give more real fly ammunition for the money than any other manufacturer, and equally as important, your profit runs anywhere from 100 to 150 per cent according to quantity purchased.

Your Special Advertisement

free of charge on back of envelopes in large quantities.

Samples and prices on application.

Frederick Stearns & Company

Windsor, Ont.

Detroit, Mich.

Zymole Hair Food

Sales are steadily increasing on this successful Toilet Requisite.

Zymole Hair Food is a most delightful dressing for the hair.

Dandruff cannot exist where it is regularly and persistently used.

Prevents falling hair and premature baldness.

We have just issued from our presses

An Artistic Poster

From an original sketch that we know you will appreciate.

If you are selling Zymole Hair Food let us send you a poster. If not, let us send you a dozen and the poster.

Three dollars the dozen and sells at fifty cents the bottle.

Frederick Stearns & Company

Windsor, Ont.

Detroit, Mich.

The Great Food Remedy for Consumption

"Tropon" Cocoa and Chocolate

PROMOTES DIGESTION AND BUILDS
UP AND STRENGTHENS THE SYSTEM

COWAN'S

Chocolate Cream Bars
Chocolate Wafers
Milk Chocolate Wafers
Croquettes and
Medallions

ARE THE DAINTIEST AND PUREST
CONFECTIONS

The Cowan Co., Limited
TORONTO.

REDUCED

"Vest-Pocket-Boxes"



TO
\$1.75 Per Doz.

One Gross Lots—5% Discount
FROM ALL JOBBERS

The ANTIKAMNIA CHEMICAL COMPANY
ST. LOUIS, U. S. A.



By Appointment Purveyors to His Excellency
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CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

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MATTER, FOR FREE DISTRIBUTION,
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The new edition of "The Art of Dispensing" contains nearly 500 pages, so that it is almost twice the size of previous editions. The new edition is encyclopaedic in its comprehensiveness of difficulties which occur at the dispensing counter. It has been practically rewritten from cover to cover, and at least three-fourths of the matter is new. The author has taken special pains to increase the educational value of the book, so as to make it even more useful to students of pharmacy.

Special attention is given to the dispensing of the "newer remedies," and the preparation of pills, tablets and capsules. Every store should possess a copy, as well as every student.

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Canadian Nervine

—AND—

Canadian Tetterine

are two new preparations that have been prescribed and thoroughly tested by a physician of large practice for many years, also have the editorial endorsement of the Chicago Journal of Health, the American authority on matters of sanitation and hygiene. These editorials were written after the preparations had been chemically examined and prescribed by the editor, who is a physician of large practice. These endorsements should convince any one of the intrinsic medical worth of these preparations.

The two preparations are prepared from our formula by one of the largest chemical establishments in Canada, under the supervision of an expert chemist, thus assuring the exact proportions and correctness in all the details of manufacturing.

The two preparations are put up in metal boxes ornamented in gold and pleasing colors. These boxes are placed in half dozen cartons, and when placed on the show case are by far the most attractive goods ever manufactured in Canada, and what is of more importance they cure and give entire satisfaction to consumers.

The advertisements for these two preparations are electrotyped, and will appear continuously year after year in all papers from Cape Breton to British Columbia. The advertising department is managed by an old and experienced advertiser, and will be most thorough and systematic.

With this assurance every retail druggist will be justified in ordering from his jobber a supply of these goods in even half dozens.

Each half dozen carton is made so as to place in an upright position on show case.

Order the goods, place them where they can be seen, and we will do the rest by systematic and thorough advertising

Respectfully,

The Merwin Compy.

WINDSOR, ONT.

May 1st, 1905.

Note.—Recommended as an emulsifying agent.

48. SPIRITUS AURANTII

Spirit of Orange.

Fresh oil of sweet-orange

peel	1 fl. ounce	10 Cc.
Deodorized alcohol	9 fl. ounces	90 Cc.

Mix.

49. SPIRITUS AURANTII COMPOSITUS

Compound Spirit of Orange.

Oil of orange peel..	4 fl. ounces	200 Cc.
Oil of lemon.....	1 fl. ounce	50 Cc.
Oil of coriander	3 fl. drms 12 minims	20 Cc.
Oil of anis.....	48 minims	5 Cc.
Deodorized alcohol,		
sufficient to make 20 fl. ounces		1000 Cc.

Mix them. Keep in completely filled, well stoppered bottles, in a cool, dark place.

50. SAL CAROLINUM FACTITIUM

Artificial Carlsbad Salt.

Dried sodium sulphate	44 parts
Potassium sulphate	2 parts
Sodium chloride, purified	18 parts
Sodium bicarbonate	36 parts

Triturate the ingredients, previously well dried, to a fine uniform powder. The dried sodium sulphate is prepared by slowly drying the crystalline salt until it has lost one-half its weight.

Note.—Fifty-three grains to one pint of water is similar to Carlsbad water.

51. SPIRITUS AMYGDALAE AMARAE

Spirit of Bitter Almond.

Oil of bitter almond.....	70 minims	10 Cc.
Alcohol (95 per cent.)	16 fl. ounces	800 Cc.
Distilled water, a sufficient		
quantity to make	20 fl. ounces	1000 Cc.

Dissolve the oil in the alcohol, and add enough water to make 20 fluid ounces (1000 Cc.).

52. SYRUPUS CODEINAE PHOSPHATIS

Codeine phosphate.....	40 grains	4.57 Gm.
Alcohol	7 fl. drachms	47.5 Cc.
Distilled water	3 fl. drachms	18.75 Cc.
Syrup, a sufficient		
quantity to make....	20 fl. ounces	1000 Cc.

Dissolve the codeine phosphate in the water and alcohol, then add the syrup.

Note.—Recommended as more stable than the official syrup of codeine. Strength is identical with syrupus codeinae, B.P.

53. SYRUPUS GLYCYRRHIZAE AROMATICUS

Aromatic Syrup of Licorice.

Licorice root, cut small	8 ounces	200 Gm.
Solution of ammonia ...	1 fl. ounce	25 Cc.
Oil of coriander	20 minims.	1.02 Cc.
Oil of cloves	10 minims.	0.5 Cc.
Alcohol (95 per cent.)...	2 fl. ounces	50 Cc.
Granulated sugar	27 ounces	675 Gm.
Distilled water, a suffi-		
cient quantity to		
make	40 fl. ounces	1000 Cc.

Macerate the licorice root with 16 fluid ounces (400 Cc.) of distilled water mixed with 160 minims. (8.33 Cc.) of solution of ammonia, for twelve hours; strain and express, reserving the

colature. Repeat this operation with the pressed marc and new menstruum of ammonia and water twice, straining, pressing and reserving the colature after each maceration.

Mix the several colatures and evaporate over a water-bath until the liquid is concentrated to 16 fluid ounces (400 Cc.), then cool and filter. To the filtrate add the oils, previously dissolved in the alcohol, and dissolve the sugar by percolation, in the mixed liquids, adding enough to make the finished product measure 40 fluid ounces (1000 Cc.).

If preferred, the following formula may be substituted for the foregoing:

Fluid extract of licorice		
(for quinine mixtures)	8 fl. ounces	200 Cc.
Oil of coriander	20 minims.	1.02 Cc.
Oil of cloves	10 minims.	0.5 Cc.
Alcohol (95 per cent.)...	2 fl. ounces	50 Cc.
Granulated sugar	27 ounces	675 Gm.
Distilled water, a suffi-		
cient quantity to		
make	40 fl. ounces	1000 Cc.

Mix the fluid extract with the alcohol in which the oils have been previously dissolved, and 8 fluid ounces (200 Cc.) of distilled water, in which dissolve the sugar, adding distilled water to make the finished product measure 40 fluid ounces (1000 Cc.).

54. SYRUPUS HYPHOSPHITUM COMPOSITUS

Compound Syrup of Hypophosphites.

Calcium hypophosphite	2¼ oz. 58 grs.	29.4 Gm.
Sodium hypophosphite.	2¾ oz. 80 grs.	36.56 Gm.
Potassium hypophos-		
phite	1¼ oz. 94 grs.	18.28 Gm.
Manganese hypophos-		
phite	80 grains	2.29 Gm.
Quinine	40 grains	1.14 Gm.
Strychnine.....	10 grains	0.28 Gm.
Ferrous sulphate, in		
crystals.....	120 grains	3.43 Gm.
Hypophosphorous acid,		
dilute.....	a sufficient quantity.	
Concentrated phosphor-		
ic acid.....	45 minims	1.17 Cc.
Granulated sugar.....	65 ounces	812.5 Gm.
Distilled water, a suffi-		
cient quantity to		
make.....	80 fl. ounces	1000 Cc.

Dissolve the sodium and potassium hypophosphites and 960 grains (27.1 Gm.) of calcium hypophosphite in 35 fluid ounces (437.5 Cc.) of boiling distilled water. Dissolve the manganese hypophosphite in 5 fluid ounces (62.5 Cc.) of hot distilled water, and dissolve the alkaloids in this solution, with the aid of a minimum quantity of dilute hypophosphorous acid. Mix the two solutions and filter, if necessary. Make a syrup by dissolving the sugar in the filtrate by percolation. Dissolve the ferrous sulphate in 6 fluid drachms (9.38 Cc.) of water, with the aid of the concentrated phosphoric acid. Also dissolve 82 grains (2.3 Gm.) of calcium hypophosphite in 6 fluidrachms (9.38 Cc.) of water; mix this solu-

tion with the ferrous solution, let the mixture stand for twelve hours and filter out the precipitate. (The filtrate will contain approximately 80 grains of ferrous hypophosphite.) Mix the filtrate with the syrup and pass enough water through the percolator to make the finished product measure 80 fluid ounces (1000 Cc.).

Note.—Each fluid ounce of this syrup contains sodium hypophosphite, 16 grains; calcium hypophosphite, 12 grains; potassium hypophosphite, 8 grains; manganese and ferrous hypophosphites, 1 grain each; quinine, $\frac{1}{2}$ grain, and strychnine, $\frac{1}{8}$ grain.

Dose.—One to two fluidrachms.

55. SYRUPUS RUBI AROMATICUS

Aromatic Syrup of Blackberry.

Blackberry root	5 ounces	125 Gm.
Cinnamon	262 grains	15 Gm.
Nutmeg	262 grains	15 Gm.
Cloves	140 grains	8 Gm.
Allspice	140 grains	8 Gm.
Granulated sugar	26 ounces	650 Gm.
Alcohol (95 per cent.)		
Water, blackberry juice,		
of each a sufficient quantity to make	40 fl. ounces	1000 Cc.

Reduce the rubus (blackberry root) and the aromatics to a moderately coarse (No. 40) powder and percolate in the usual manner with a menstruum of equal volumes of alcohol and water until 10 fluid ounces (250 Cc.) of percolate are obtained. To this add 18 fluid ounces (450 Cc.) of blackberry juice, and dissolve the sugar in the liquid by agitation. Lastly, add enough blackberry juice to make 40 fluid ounces (1000 Cc.).

56. SYRUPUS ZINGIBERIS

Syrup of Ginger.

Syrup of ginger	1 volume
Simple syrup	9 volumes
Mix.	

Note.—This preparation is identical in strength with the official syrup of ginger.

57. TINCTURA AURANTII CORTICIS DULCIS RECENTIS

Tincture of Fresh Sweet-Orange Peel.

Fresh sweet-orange peel.....	5 ounces	250 Gm.
Rectified spirit, a sufficient quantity to make	20 fl. ounces	1000 Cc.
Prepare by maceration.		

58. TINCTURA FERRI CITRO-CHLORIDI

Tincture of Citro-Chloride of Iron.

Strong solution of per		
chloride of iron.....	5 fl. ounces	250 Cc.
Sodium citrate	9 $\frac{1}{4}$ av. ounces	460 Gm.
Alcohol (95 per cent.)	3 $\frac{1}{4}$ fl. ounces	160 Cc.
Water, a sufficient quantity to make	20 fl. ounces	1000 Cc.

Mix the solution of chloride of iron with 5 fluid ounces (250 Cc.) of water, and dissolve in this mixture the sodium citrate with the aid of a gentle heat. Then add the alcohol, and when the

solution has become cold, make up the volume with water to 20 fluid ounces (1000 Cc.). Set the product aside in a cold place for a few days, if convenient, so that the excess of saline matter may separate. Then filter and pass enough cold water through the filter to restore the original volume.

Note.—This preparation is identical in strength of ferric chloride, with tincture ferri perchloridi, P.B.

59. TINCTURA IODI, CHURCHILL

Churchill's Tincture of Iodine.

Iodine, resublimed	3 oz. 131 grains	165 Gm.
Potassium Iodide.....	289 grains	33 Gm.
Water	5 fl. ounces	250 Cc.
Alcohol (95 per cent.),		
a sufficient quantity		
to make	20 fl. ounces	1000 Cc.

Dissolve the potassium iodide in the water, then add the iodine, and lastly enough Alcohol to make the tincture, when completed, measure 20 fluid ounces (1000 Cc.).

60. TINCTURA IODI DECOLORATA

Decolorized Tincture of Iodine.

Iodine	250 grains	26.0 Gm.
Strong solution of		
Ammonia	10 fl. drachms	62.5 Gm.
Rectified spirit, sufficient to make.....	20 fl. ounces	1000 Cc.

Dissolve the iodine in the alcohol and add the ammonia solution. Keep the mixture in a warm place until decolorized.

61. TINCTURA PERSIONIS

Tincture of Cudbear.

Cudbear, in fine powder	5 ounces	125 Gm.
Alcohol (95 per cent.) and		
Water, of each a sufficient quantity to make	40 fl. ounces	1000 Cc.

Pack the cudbear in a suitable percolator and percolate it with a mixture of one volume of alcohol and two volumes of water until 40 fluid ounces (or 1000 Cc.) are obtained.

Note.—This preparation is intended as a coloring agent when a bright-red tint or color is to be produced; particularly in acid liquids.

62. UNGUENTUM ACIDI CARBOLICI COMPOSITUM

Compound Ointment of Carbolic Acid.

Mercuric nitrate ointment ...	4 ounces	40 Gm.
Sublimed sulphur	1 ounce	10 Gm.
Phenol	2 ounces	20 Gm.
Olive oil	2 ounces	20 Gm.
Yellow wax	2 ounces	20 Gm.

Dissolve the sulphur in the previously heated olive oil and melt the wax in this solution with a gentle heat. Stir while cooling, and when nearly cold add the phenol and stir until dissolved. Rub the mercuric nitrate ointment in a mortar until smooth; then incorporate with it the mixture, previously prepared.

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UNICORN ROOT (*Chamaelirium Luteum*)
BLUE COHOSH (*Caulophyllum Thalicteroides*)
GOLDEN SEAL (*Hydrastis Canadensis*)

R

Nature's Way.

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"Golden Seal is very useful in catarrhal states of the mucous membranes."

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World's Dispensary Medical Association
BUFFALO, N.Y.

63. UNGUENTUM ICHTHYOL COMPOSITUM

Compound Ichthyol Ointment.

Ichthyol	1 ounce	20 Gm.
Solution of lime	4 li. ounces	80 Cc.
Anhydrous wool-fat	2½ ounces	50 Gm.
Soft paraffin	5 ounces	100 Gm.
Zinc Ointment	2½ ounces	50 Gm.

Triturate the ichthyol with the lime water; add the wool fat gradually, under constant trituration, and then the other ingredients in a similar manner.

64. UNGUENTUM IODI DENIGRESCENS

Stainless Iodine Ointment.

Iodine	1 ounce	10 Gm.
Soft paraffin	19 ounces	190 Gm.

Finely powder the iodine; heat the paraffin until liquefied, then add the powdered iodine, continuing a gentle heat and stirring until fully combined, then remove from heat and stir till cold.

65. UNGUENTUM EMPLASTRI PLUMBI

Ointment of Lead Plaster.—Diachylon Ointment.

Lead plaster	1 ounce	110 Gm.
Soft paraffin	1 ounce	110 Gm.
Oil of bergamot	4 minims.	1 Cc.

Melt the lead plaster and paraffin together; when the mixture approaches the temperature of 160 degrees or 170 degrees F., add the oil and stir until cool.

66. UNGUENTUM RESORCINI COMPOSITUM

Compound Resorein Ointment.

Resorein	1 oz. 85 grains	60 Gm.
Zinc Oxide.....	1 oz. 85 grains	60 Gm.
Bismuth subnitrate	1 oz. 85 grains	60 Gm.
Oil of cade	2 fl. oz. 192 minims.	120 Cc.
Soft paraffin, white	7 ounces	350 Cc.
Hydrous wool-fat..	7 ounces	350 Gm.

Triturate the resorein to a fine powder with the aid of a little ether, and allow the ether to evaporate; then mix the powders and incorporate with the remainder of the ingredients.

Note.—Darkens on exposure to air and light and should be kept in well closed containers.

67. UNGUENTUM SULPHURIS COMPOSITUM

Compound Sulphur Ointment.

Precipitated calcium carbonate	1 ounce	10 Gm.
Sublimed sulphur	1½ ounce	15 Gm.
Oil of cade	1½ ounce	15 Gm.
Soft soap	3 ounces	30 Gm.
Lard	3 ounces	30 Gm.

Mix the lard with the soft soap and oil of cade. Then gradually incorporate the sublimed sulphur and precipitated calcium carbonate.

68. VINUM PEPSINI

Wine of Pepsin.

Pepsin.....	320 grains	36.36 Gm.
Hydrochloric acid	2 fl. drachms	12.5 Cc.
Glycerin	1 fl. ounce	50 Cc.
Sherry, a sufficient		

quantity to make.... 20 fl. ounces 1000 Cc.
Dissolve the pepsin in the liquids previously mixed.

INCOMPATABILITY IN THEORY AND PRACTICE

By J. P. Gilmour.

The term incompatibility is somewhat ambiguous, it denotes capacity for chemical combination on the part of the bodies concerned, but it also connotes a presumed unfitness of the mixed products for the therapeutic purposes for which the original substances were prescribed. This, of course, refers to the doubtful cases on which it would be premature to dogmatise, and to those in which the living body is known to redress the balance disturbed by the inter-action of incompatibles. Incompatibility in vitrio is not invariably a sign of physiological inassimilableness. In spite of great advances in science, it will probably be long before the behavior of most compounds while in the living organism can be predicted with precision.

Excluding those cases from consideration in which the decomposition is obviously intended by the prescriber, it is the duty of the dispenser to compound the prescription as written unless the products of any interaction between incompatibles is dangerously toxic or contrary in action to what is apparently required by the prescriber. Mr. Gilmour classifies incompatibles under four heads:—

1. Examples of the postulate that the insolubility of a substance does not necessarily contraindicate its exhibition as a remedial agent.

Incomptability as a condition favoring the formation of insoluble bodies is practically a negligible factor since many important remedial agents are highly insoluble, i.e., calomel, bismuth salts and many synthetic compounds such as sulphonal, phenacetin, &c.

2. Examples of the postulate that theoretical chemical incompatibility does not necessarily subvert the medicinal value of a combination.

The term theoretical incompatibility denotes that chemical action takes place between the substances named, with the consequent formation of new compounds. It need not necessarily interfere with the exhibition of the incompatibles specified, especially as practice has shown that many of the so-called incompatible mixtures are therapeutically active.

3. Examples of the dictum that the resultant of a mixture of incompatibles may have therapeutical properties similar to those of the original interacting components.

The cases in which the incompatibility leaves the therapeutical properties of the combination essentially unchanged are only narrowly divided from group 2. But they represent some distinctive features. In hospital practice I once dispensed the following:—

R. Liq. hydrarg. perchlor.....	4 drms.
Syr. ferri iodid.....	1½ ozs.
Aquae	ad. 4 ozs.

While the therapeutical action of mercuric chloride and the biniodide are not quite identical, the resemblance is so close that the effect is likely to be practically the same. This prescription should therefore be dispensed as ordered. Another example :

R. Potass. iodid..... 3 drms.
 Sp. ammon. arom..... 6 drms.
 Syr. ferri iodid..... 2 ozs.
 Decoct. sarsae co.....ad 8 ozs.

Ferrous carbonate and ammonium iodide are formed, but as the final physiological value of the iron and iodine is not really altered, the dispenser's duty is simply to affix a "shake the bottle" label. The next example is, *prima facie*, more problematical :

R. Cocain. hydrochlor..... 20 grs.
 Sodii bicarb..... 30 grs.
 Mucil. acaciae 4 drms
 Aquae ad 1 oz.

The presence of the mucilage indicates a provision by the prescriber for the suspension of an insoluble substance which is presumably not the undissolved sodii bicarb. The dispenser of the original prescription happened to be conversant with the literature of cocaine medication, and remembered that its anaesthetic action on the mucous membrane had been found to be more energetic, if the surface were first painted over with a solution of sodium bicarbonate. A judicious questioning of the patient's messenger elicited the fact, not revealed by the directions, that the preparation was intended as a laryngeal paint for the persistent cough of laryngeal tubercular disease.

4. Examples of the datum that the final products of a mixture of incompatibles may have medicinal properties dissimilar to those presumably required by the prescriber.

The examples of combinations in which the products of the interaction of incompatibles possess medicinal properties different from or antagonistic to those presumably required by the prescriber introduce us to the class of incompatibles in every sense of the word. Examples of this series often present difficulties that can only be solved by ripe dispensing experience, or by that last resort of the capable dispenser, communication with the prescriber. A few typical specimens are subjoined :

R. Acid. sulph. dil..... 4 drms.
 Tinct. opii 3 drms.
 Mist. cretae.....ad 6 ozs.

The prescriber's affections seem to have been divided between the acid and the antacid treatment of diarrhoea. The mixture is a compromise between them, with a small balance on the side of the antacid party. There was no option but to refer the matter to the prescriber, who was greatly surprised to learn that chalk and vitriol would not agree even in a six ounce bottle. He

said he had been prescribing the mixture for years in his own surgery, and had always found it answer well. However, being now convinced of his error, he omitted the acid and committed himself irrevocably to the antacid school.

R. Cocain. hydrochlor..... 6 grs.
 Sodii bicarb. 20 grs.
 Aquae rosae ad..... 2 ozs.

Cola per chartam.

This prescription, or a similar one, was once frequently dispensed in a city of the West. Some dispensers impaled themselves on one horn of the dilemma by ignoring the direction to filter, and so incurred the censure of the prescriber. Others of a more conscientious breed waited on him and explained deferentially that the filtrate contained nothing but a little sodium chloride and the undecomposed sodium bicarbonate, but were rudely snubbed for their pains. It afterwards became a delicate casuistical question whether it was necessary to go through the form of dissolving, precipitating and filtering out the cocaine, or whether it might not be allowable to adjust the final product to that it would contain the proper proportion of the sodium salts.

*Abstract from address. Chemist and Druggist.

COPPER SULPHATE FOR THE PURIFICATION OF WATER SUPPLIES

Copper sulphate in the proportion of 1-5,000,000 or even 1-8,500,000 has been found practically efficient on the large scale for destroying algae and confervoid growth in reservoirs which frequently impart a disgusting taste and odor to the water during the hot weather of summer. In the United States this, the frequency of growth, has proved a serious matter in the case of many public water supplies. The algae appear suddenly, develop with great rapidity, and impart to the water so marked a taste and odor that it becomes unfit for use. The bluish-green forms are stated to be specially troublesome in this respect, since they secrete what is considered to be a volatile oil, a very minute trace of which is sufficient to taint an immense volume of water. Instances are given in which reservoirs of water rendered undrinkable by the presence of this algae were completely cleared in four days by treatment with copper sulphate in the proportion indicated, and the water was rendered pure and drinkable. Not only does the treatment destroy the algae and prevent their reappearance, but it also greatly lessens the number of other micro-organisms in the water. It is claimed that, in this proportion, copper sulphate is absolutely harmless to the consumers of the water, an opinion which is supported by prominent therapeutists.—G. T. Moore, in Amer. Journ. Pharm.



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Photographic Notes

OVER-PRINTS

Amateur photographers have often prints that have been considerably over-printed, so much so as to be useless. On looking through "Hardwick's Photographic Chemistry" the other day, I saw that ammonia, about one drachm to the pint of water, will reduce them. Wash in four or five changes of water, then in the ammonia solution, then in three or four changes of water, and then tone as usual. Since reading it I have had some over-printed P.O.P. ones and have tried it, and find that it reduces them to any extent, and the results are equal to those rightly printed in the first instance. They require to be watched when in the ammonia, as it acts rapidly, and would soon make them too weak.—S. Broughton, in Photo. American.

ETCHING VARNISHES

The Photo-Revue gives a formula for an etching or tracing varnish, which may be used on zinc, for making printing plates by tracing and etching, for use on glass, in the production of traced lantern slides, or for making traced "negatives," as sometimes used in the production of contact prints. There are many applications of such a varnish.

Rectified benzine	1,000 c.c.
Oil of turpentine	25 c.c.
Yellow wax	20 gm.
Bitumen	50 gm.

If opacity is required, about 2 grammes of the finest gas black or acetylene black should be well rubbed down with the varnish. Gas black or acetylene black is easily prepared by depressing a gas or acetylene flame with a dinner plate or soup plate kept partly full of cold water. The varnish is applied with a broad hog-hair brush, used alternately in two directions at right angles to each other.—The Amateur Photographer.

DEVELOPING WITHOUT THE USE OF A DARK LAMP

An interesting patent was recently taken out in France in this connection. Sodium sulphite is mixed with some substance, giving a colored solution which will absorb the actinic rays; this may be a substance whose aqueous solution gives a suitable color or one which gives a color with sodium sulphite. In the first class the dyes tartrazine or crocein scarlet 3 B furnish a suitable color, but the solution imparts some color to the paper. Of the latter class, however, picric acid and the picrates yield in the presence of sodium sulphite an orange-red solution which absorbs the actinic rays; picrates used in this way give no stain on either paper or film. Thus, development

can be carried out without a ruby lamp if we substitute for sodium sulphite in the developer a mixture of sodium sulphite, 2 parts; magnesium picrate, 1 part.

AMIDOL

Should a picture in the normal diluted developer appear quickly, it is overexposed, and one should at once place it in a more concentrated developer to which a further addition of potassium bromide solution has been added. If it becomes evident, through the slow appearance of the picture in the normal developer, that the plate is underexposed, one dilutes the developer or puts the plate into another ready prepared dish with a more dilute developer. By these means one gets on overexposed plates the necessary contrasts, which otherwise would be lost, and the underexposed negatives will not develop up too hard.

If it is found impossible to continue the use of a developer, which affects one's fingers, it is advisable firstly to turn to Amidol. In the first place this is a change in the developing substance in general, and secondly by using the Amidol developer the contact with alkalides, which are often the sole cause of affecting the hands, will be avoided. Further, Amidol is an excellent developer, deserves a more general and wider application and it is on its own merits and advantages in the front rank of the army of developers.

Diluting the concentrated Amidol solution with 3-4 parts of water, the developer acts quickly and negatives rich on contrasts are obtainable. If one dilutes with double the quantity of water one gets thin images. The Amidol developer can thus be easily adapted and can be used with success to equalize the effect of over and under exposures.

THE DANGER OF CELLULOID

By way of "glazing" their photographs amateur photographers frequently press the damp pictures, half a dozen at a time, face downward on a specially prepared metal sheet about the size of a school slate. To hasten the tedious process of drying, the sheet is often put near the fire. A day or two ago I found my wife bending over the fender with a batch of South African photographs on a patent glazer which she imagined to be talc, suspiciously like celluloid, I begged her to keep it away from the fire until I should have communicated with the manufacturers. I now enclose their reply. You will see that they state that "the glaze is made of celluloid, and would be dangerous near the fire." As knowledge of the fact may save some one a ghastly accident, I think it right to call attention to it.

Optical Notes

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics,
Toronto.

In presbyopia it is important in many cases to relieve the convergence. Many presbyopes who are properly fitted so far as the lenses are concerned still complain of discomfort when using their glasses.

In such cases it will be found great relief can be secured by relieving the convergence by having the optical centres of the glasses narrower than the pupillary distance of the eyes. This can be accomplished by having the lenses decentered inward or by making the frame narrower or by giving small lenses. The object in each method being to obtain the prismatic effect of the convex lenses over the overtaxed internal recti muscles. In such efforts it is comfort the optician is aiming at and not cosmetic effect. The disparity between the P.D. of the eyes and lenses where small glasses or bending the frame is resorted to may cause remarks either from patient or his friends and it is wise to point out to the patient what you are doing and why.

From the mass of matter which has appeared in recent literature in regard to the facts of strabismus we gather the following from the recent works of a specialist:

1. Esotropia usually shows itself before the fourth birthday.
2. None of the reasons given as the cause of the squint by the parents have any value.
3. Heredity usually plays an important part.
4. The degree of deviation will usually be about 30 degrees, but there is no direct connection between the degree of the deviation and the amount of the amblyopia.
5. The amblyopia, which is found in esotropia, is caused by the disuse of the eyes, and is not congenital.
6. The amblyopia becomes worse with the lapse of time, but improvements in the amblyopic condition may be expected in over half the cases as the result of wearing properly fitting glasses.
7. There is a close connection between hypermetropia and esotropia, and astigmatism is always a bad factor in the case.
8. If taken early enough seventy per cent. of all cases will be cured.

All eye-work in school, states an authority, should be done as far as possible by daylight, and in a place so thoroughly lighted as to allow the body to sit upright with no strain to the accommodation. Light directly from overhead is the best, but this being obviously impossible in most cases, it should at least come from the left, thus preventing the need in writing of having the shadow of the pencil ahead to write into. There should be no direct sunlight in the schoolroom, hence the rooms will best face toward the north. Where the sun must enter, ornamental glass is

better than shades in the windows through which the sunlight must come. The ideal illumination is diffused reflected light from white clouds, and next to this comes the blue northern sky. There should be no limit as to the amount of light entering, providing it is from the left, but the windows should be high.

The two halves of the iris are not innervated by the same nerve fibres, and paralysis of either of these may occur independently, thus causing a partial myosis with consequent irregularity of the pupil, with flattening of the upper outer or inner lower margin of the pupil, according to which fibre may be involved. Many of these cases are not seen by eye specialists because they are treated by the neurologist. When such a condition exists it usually means coming or present serious disease of the central nervous system. One observer noted in an asylum for the insane forty-two per cent. of the inmates with irregular pupils of this character. The condition of the pupils should always be noted as well as their response to light and accommodation.

A number of cases have been reported lately of serious eye injury resulting from entrance into the conjunctiva of particles of copying pencils. Some of these pencils are made of graphite or black lead mixed with wax and aniline coloring matter. It is this latter which is the poison. Anyone who gets a particle of this kind in the eye, as, for instance, in sharpening an indelible pencil, should consult a specialist at once. Delay may prove very dangerous.

S'POSE THE FISH DON'T BITE

S'pose the fish don't bite at fust ;
What be you goin' to do ?
Chuck down your pole, throw out your bait,
An' say your fishin's thro' ?
Uv course you hain't ; you're goin' to fish,
An' fish, an' fish, an' wait
Until you've ketched your basket full,
An' used up all your bait.

S'pose success don't come at fust ;
What be you goin' to do ?
Throw up the sponge and kick yourself,
An' go to feeling blue ?
Uv course you hain't, you've got to fish
An' bait, an' bait ag'in,
Bimeby success will bite your hook,
An' you will pull him in.—"West. Drug."

When you undertake anything, do it; but be sure you are right before you begin.

Speak easy, but hit hard.

DRUGGISTS' CONFECTIONERY

Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard
Aldersgate Street LONDON, ENG.



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

CHLORODYNE JUJUBES

PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Multum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

LINSEED, LIQUORICE AND CHLORODYNE
LOZENGES

Are now in great demand. We recommend all who have not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

Containing Aniseed, Benzoin, Chlorodyne, and other valuable Ingredients.

Sent out in 4-lb. Glass Show Jars. (Jars free.)

PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale Drug House in Canada can supply, or indents may be sent direct to Manchester

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GREEN
GREEN

MADE BY THE

CANADA PAINT

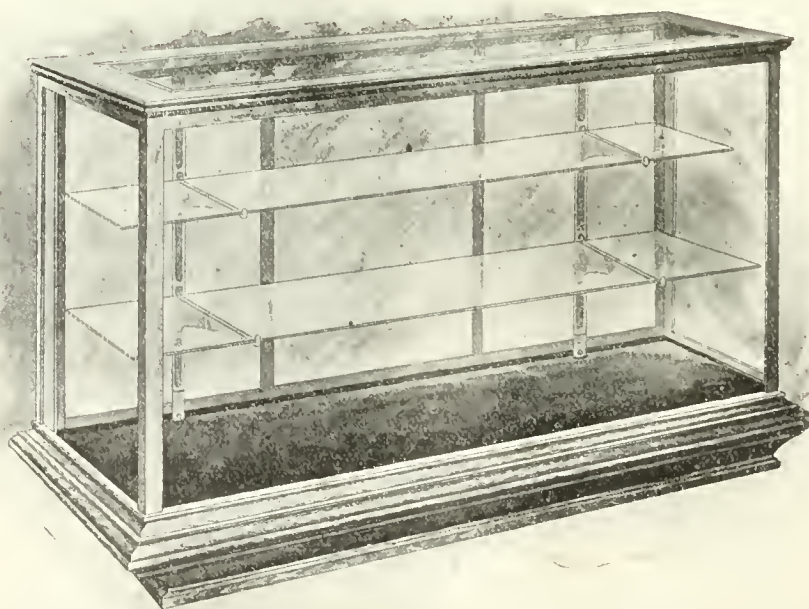
COMPANY
LIMITED

"BEST and GOES FARTHEST."

THE CANADA PAINT COMPANY, LIMITED, Makers of Pure Paris Green

WOULD YOU ENGAGE

an active, persistent, courteous, hustling Salesman, who



TALKS BUSINESS

From the word "Go"

Who never tires,

Never sleeps,

Takes no holidays,

But makes sales when
you are behind the counter
and when you're not,
then

Here's His Photo

Engage him quickly.

A line will bring further particulars.

"MADE IN CANADA"

LONDON SHOW CASE & OFFICE FIXTURE CO., LONDON, CANADA

Drug Report

Business during the last month has been very good for this season of the year.

Cod liver oil is lower and just what the result will be later on is a matter of conjecture. We should not be surprised to see lower prices.

Quinine has been reduced by the manufacturers two cents an ounce.

Turpentine is lower.

Common resins, tar and pitch are gradually soaring up, prices have touched the highest point for a number of years, and further advances are not improbable.

Cocaine may be higher as the syndicate of manufacturers has been strengthened by the addition of another maker. The ring now includes five manufacturers, and it is further stated that the present cost of crude cocaine and cocoa leaves warrants a higher range of prices.

Cubeb berries have advanced and a stronger tone characterizes the markets in the Far East.

Linseed oils, raw and boiled, are much higher in price.

American saffron keeps high in price and all indications point to the fact that it will not be lower for some time to come.

Burdock root is much higher in price, as it is very scarce.

Golden seal root is very high.

Camphor.—American refined last week dropped four cents pound, but this has been somewhat counterbalanced this week by cable advices announcing advance in London market equal to two cents, with large sales at the higher price.

Savory & Moore's pancreatic emulsion is higher in price on account of the customs exacting 5 per cent. duty. Price of small is now \$9.00; medium, \$17.50; large, \$30.00.

Chapiteaut's capsules have been advanced in price by the manufacturer. The principal sellers—namely, apioline, are now \$9.50 doz.; cypridol, \$10.00; morrhual, \$8.75; morrhual and creasote, \$8.75; Chapiteaut's wine of peptone, \$9.50; santal midy, \$9.50.

One of the new chemicals on the market is Bayer's jocthon, the price of which is \$1.50 oz.

Another new article is perborate, a composition for making hydrogen peroxide. One pound of this article, which will cost \$1.60, added to one gallon of water, will give a gallon of hydrogen peroxide of 10 volumes.

The first order for St. Louis stamps by the Bureau of Engraving called for 90,000,000 one-cent, 225,000,000 two-cent, 7,500,000 three-cent, 9,500,000 five-cent and 6,500,000 ten-cent, or 338,500,000 in all.

A SPECIAL DEPARTMENT

The Dominion Drug Co., of Hamilton, have decided to go in stronger for pharmaceutical and non-secret business. To this end they have made a special department of this business, and have placed the sales management in the hands of Mr. T. H. McTavish, who has had many years experience in this particular line of work. Mr. McTavish's many friends will no doubt be pleased to hear of his present position, and we have no doubt that under his care the already creditable line of non-secrets shown by the Dominion Drug Co. will be so smartened up that they will be surpassed by none in Canada.

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc., 50 cents for 25 words or less; subsequent insertions 25 cents. Send cash with order.

ATTENTION!

On a special plan I buy and sell drug stores; furnish positions, and drug clerks to employers and locations for physicians, etc.

F. V. KNIEST, R. P.

N. Y. L. Omaha, Nebr., U. S. A.

REFERENCES:—Any Omaha Jobber or Bank.

FOR SALE

Proprietary medicine business Thoroughly established on cash basis. Expenses small—big profits. An exceptional chance. Sold at sacrifice on account of owner's poor health.

Address 207 George St., Toronto.

SITUATION WANTED

Graduate O.C.P., 10 years' experience, is prepared to do relief work or take a position for summer months. Medical Student.

B. S. CRESSWELL,

60 Lake View Avenue, Toronto.

REPRESENTATIVE WANTED

An English firm of manufacturers is anxious to arrange for a representative to sell their goods on commission to the wholesale trade throughout Canada. It can be worked with other lines which would not clash.

BOX 66,

C/O CANADIAN DRUGGIST,
Toronto, Canada.

Commercial Printing
a Specialty

The Bryant Press Limited

**44 Richmond Street W.
TORONTO.**

Telephone Main 2377

HITS BOTH ALIKE

An outspoken person will let it be known in no uncertain manner that he has no time to discuss the merits of some article that is intended to take the place of the one he wants.

Others, of a milder disposition, but who are just as sensitive on this point, either dismiss the matter quietly or accept the substitute to avoid annoyance. But the practice of substitution annoys both. The point is that no matter whether a customer is outspoken or reserved he is not likely to return to the store where he doesn't get what he asks for without having to discuss or accept something else.

Merchants should be far-seeing enough to know that to substitute something else for a well-known article like "Baby's Own Soap," for instance, kills future business.

JUST AS EASY TO BE CIVIL

It frequently happens that clerks, and some others also, in answering a business call over the telephone, fail to reply with the same politeness which they would use had the customer called in person. The accompanying suggestion has been printed and distributed to its employees by a large concern in the West:

When using this telephone remember that a stranger is at the other end of the line.

Remember that the tone of your voice may make him a customer or drive him away.

Make a customer of him and you increase your usefulness to this store.

Therefore, when using this telephone always be polite, agreeable, accommodating and patient.

Act, when you answer a call, as though it were the only bit of work you are called upon to do all day, and do it in a perfect manner.—The Keystone.

WRITING AN AD

There is no trick in writing advertisements, says an exchange. Any one who can write good live English can do it—all he requires is a little painstaking and time. The recipe reads something like this:

To an attractive and pertinent heading add about 50 words of straight business talk, well seasoned to taste. Strain thoroughly and remove any superfluous words. Then add the cream of the thing nicely done in italics and garnished with prices. Place in a good newspaper and let it simmer for from three days to a week, but no longer. Remove and try another batch.

Want to Buy

Old Canadian and U.S. stamps in any quantity. Want Jubilees. Also any 6, 8, 10. Also dollar value of U.S. Send with price for prompt cash.

KING, SON & CO.

141 East 19th St.

New York City

\$1 \$2 \$3 \$4 \$5
CANADA JUBILEE

For \$5.50, Post Free and Registered.

Only a few sets on hand, so order to-day, at this exceptional bargain.

1000 Imported Hinges, 15c; Scott's 1905 Catalog 58c; Watermark Detector, 50c; Stamp Tongs, 30c. Our large list is free. Write us to-day.

TIFFIN STAMP CO.

160 P. Street,

Tiffin, Ohio

CANADA STAMPS

In great variety—a Specialty.

—Send list of Wants.—

1000 entirely different Foreign Stamps, fine collection only \$3.00 post free.

"Junior Outfit" illustrated album, 200 different stamp and stamp mounts, only 35c. post free.

50 South American, different	25c.
50 British Colonies, "	30c.
24 Japanese in book, "	25c.
50 African, different	75c.
500 Foreign	\$1.25

WM. R. ADAMS, 401 Yonge St., Toronto, Can.

Established 1897.

Universal Standard Stamp Catalogue, Fifth edition

for 1905 now ready, 422 pages, 2900 illustrations, postage paid to any address in Canada or U.S. on receipt of 40c in unused current postage stamps.

The STANDARD ALBUM for stamps of the British Empire is now ready, fully illustrated on a new plan, full particulars, prices and specimen page sent free on request.

WHITFIELD KING & CO., Ipswich, England

STAMPS—The Finest Stock at Lowest Prices.

Largest importers British Colonials in U.S.

4 St. Vincent 10c.; 6 Hawaii 15c; 5 Martinique 8c.; 25 British West Indies, China, Corea, Siam, etc. 35c.; 8 Uruguay 10c.; 3 Congo 10c.; 25 British West Indies 25c.; 4 Corea 8c.; 6 Newfoundland 10c. Cloth bound stamp album for 600 stamps 8c. Our "Zoological" packet, 25 unused stamps, containing pictures of 22 different animals and birds, only 60c. Write to-day for copy of our catalogue.

We buy collections and solicit correspondence. Correspondents wanted in every country in the world; write for special foreign booklet. List of prices paid for all used Canada Stamps sent for stamp THE COLONIAL CO., 2435 Michigan Ave., Chicago, Ill. Dealers, Importers and Exporters of Postage Stamps exclusively.

50 YEARS' EXPERIENCE

PATENTS

TRADE MARKS
DESIGNS
COPYRIGHTS & C.

Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

Scientific American.

A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all new dealers.

MUNN & Co., 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

The Canadian Druggist

VOL. XVII.

TORONTO, JUNE, 1905

No 6

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

TORONTO, ONT.

Telephone, Main 3203

Cable Address : SAYD, TORONTO

THE PRICE CONTRACT PLAN

It has become evident from the stand taken by some of the proprietary medicine manufacturers that no definite agreement can be reached immediately in the matter of the plan suggested for regulating the sale of patent or proprietary medicines, by confining the sale of these goods through the wholesale drug houses alone, according to the scheme submitted some time ago, and which received the signatures of more than the required number of the retail trade to bring it into effect.

This is very much to be regretted as in our opinion, and evidently it was also the opinion of the greater number of retail druggists throughout Canada as evidenced by their willingness to sign the agreement, that some such plan would mean the best possible solution of the difficult problem of so controlling the sale of patent medicines that they should not only be confined to the drug trade, to whose province they properly belong, but also would control prices so that there would be no fear of "cutting" in any quarter whatever.

It now remains for all parties, the manufacturer, the wholesale druggist and the retail druggist to do their utmost to further the Price Contract Plan and thus secure what has proven to be a sure way of establishing and maintaining the proper retail prices on such goods as are listed on this plan.

Unfortunately many of the largest manufacturers of patent medicines, both in Canada and the United States, and notably in Canada, have withheld that co-operation with this plan, which might reasonably be expected from firms who, though willing to acknowledge that the retail druggist is the proper channel through which these goods should be supplied to the public, have not lent that assistance which would enable the retailer to secure full prices and thus give a sufficient return for any interest taken in handling the goods.

The new contract form which has been prepared by the Joint Committee is one with which we think no one can find fault, and is sufficiently binding on all parties to make it worth while, (1) for the manufacturer to go to the necessary additional labor entailed; (2) for the wholesale druggist to devote time and care in seeing that no infringement takes place, and (3) for the retail druggist to benefit himself and his confreres by living up conscientiously to its provisions and avoiding even any appearance of violating the agreement.

We had hoped to have given the form of contract which has been adopted by the committee and which when sent out by any manufacturer should be accompanied by a letter from the Joint Committee to whom it should in every case be submitted by the manufacturer, before being sent to the retail trade, but it has not yet received the necessary sanction of all parties.

Some manufacturers have, we believe, deferred entering upon this plan for the reason that so few leading manufacturers had adopted it, and that its operations were mainly confined to a few, who either endeavored to place new preparations on the market through the good-will and assistance of the retailer, or to those whose business had heretofore been confined more particularly to a mail-order business, seeking to do business direct instead of through the trade, but when we find representative firms, who confine their business to patents alone, adopting the plan, it appears to us that it is high time that other leading makers should follow suit and thus show their desire to stop the evil practice of price-cutting, and at the same time assist the re-

tail druggist. It should be borne in mind that the Price Contract Plan enjoins certain conditions of sale as well as regulation of prices and any infringement of these conditions, whether by obtaining rebates, dividends or concessions of any kind, is totally opposed to the spirit of the contract and, in consequence, the offender forfeits any claim for supply of goods.

The situation of the retail trade to-day is so critical that unless the retailers themselves adopt energetic measures, it will mean disaster to numbers in the trade. If hearty co-operation is not entered into with those who are desirous of maintaining full prices, an era of cutting, not only in patent medicines but in all lines, will be ushered in which cannot help being disastrous. Unfortunately it appears to us that the Joint Committee as constituted cannot be said to properly represent the trade in the sense that it should, for two of the retail druggists on the Committee are members of a buying syndicate, located in Toronto, and although we do not say that they are biased, it is natural to infer that such people would be more or less influenced by their own self-interest or by the opinions of those who dictate the policy of this syndicate.

There appears to be a certain amount of disagreement between this syndicate and the wholesale trade, as we understand that the wholesalers object to their plan in that they promise to pay dividends at the end of their financial year in proportion to the profits earned, according to the volume of purchases made and this the wholesale trade claim would be a practical violation of the contract. It certainly is a great pity if matters cannot now be brought to a satisfactory conclusion, and the only course which appears to be open is for the retail trade to awaken from their lethargy and as a body, as well as individually to urge upon the proprietors the desirability of placing all their goods upon the contract plan.

It seems impossible to regulate the channels through which patent medicines may be supplied for the present, at least, and if the proprietary medicine manufacturers can be induced to place their goods on the market on this plan it will insure full prices and a mutual benefit.

There is no doubt that if full prices were once established on all the leading patent medicines the retailer would reap the benefit largely, as the departmental store would lose a very large percentage of its business in this particular class of goods, both locally and from outside sources, and the business now diverted from its proper channel would again in a large proportion be restored to the retail druggist. The necessity of the case demands the earnest consideration and hearty co-operation of proprietary medicine manufacturers with the retail trade.

ACCURACY

If there is one class of business or profession in which accuracy is more essential than any other it is that of the pharmacist. Inaccuracy in the slightest detail frequently entails serious results and one of the strong points which every preceptor, whether he be the proprietor of a pharmacy, a college professor or an examiner of students, should be to impress on the minds of those with whom he has to deal that one cannot be too accurate in everything that pertains to pharmacy.

Especially is this so in reference to dispensing, and no latitude should be allowed, no substitution nor alteration permitted to take place where the physician plainly and distinctly states what is required. This also applies very strongly in the case of examiners at the Colleges of Pharmacy, who, we regret to say, are not always as accurate as they should be in the questions submitted, as is evidenced in our columns this month.

Let the examiner see that his paper is strictly correct and not a medley of Latin and English in a prescription, nor in any other way display a carelessness which may lead the student into the same error. Be accurate even at the cost of time or material and it will eventually pay, both in satisfaction to yourself and in the approval of those with whom you are dealing.

THE AMENDED PHARMACY ACT

The draft of the amendments desired by the Ontario College of Pharmacy, as given in our last issue was brought before the Legislature, whose sessions have just closed. Nearly all the amendments asked for were granted, and the Amended Act, which received its third and final reading May 19th, has received the assent of the Governor-in-Council. A summary of its provisions shows that it provides:—

1 & 2. That a member of the Council need not necessarily be "a resident of" but need only "carry on business in" the district which he represents.

3. The election of Council will now be held on the first Wednesday in August in every second year, instead of in July as formerly, and the words and figures "of \$4" are omitted from the Section (No. 7).

4. The dates of Council meetings are changed from the first Tuesday in February and in August to that of the first Monday in June and in December, and the words "transaction of general business" as applied to the notices of meetings to take the place of "purpose of granting certificates of competency."

5. A provision is made for "the discipline, suspension or expulsion for cause of any student of the College."

Howards & Sons

Stratford, (Established 1797) London

LIMITED

and their Branch House

Hopkin & Williams, Limited

Cross Street, Hatton Garden, LONDON

Have Been Awarded THE

GRAND PRIX

At ST. LOUIS

FOR THEIR EXHIBIT OF FINE PHARMACEUTICAL CHEMICALS

Canadian Agent:

MR. J. M. SCHEAK,

Carlaw Buildings, Wellington Street West, Toronto.

E. Merck

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Chrysophanic Acid,

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AND ALL OTHER MERCK PRODUCTS

C. F. BOEHRINGER & SOEHNE

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Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin, Gallic Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorein, Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited. Montreal

WALL PAPER
of
SUPERIOR QUALITY

**OUR TRAVELLERS
"STRIKE THE TRAIL"**
ABOUT THE END OF THE MONTH

Carrying our Complete New Line of Wall Papers for 1906, and we
have this to say of it:

As a practical demonstration of crystalized experience and resourcefulness
in producing effectiveness in design—novel and attractive color schemes—
and a wide variety of patterns —The "Staunton" Line for 1906 more than
maintains the high standard we have set as Wall Paper printers.

PLACE YOUR ORDER WITH US

STAUNTONS
LIMITED
TORONTO MANUFACTURERS CANADA

**No Consideration offered by Others should Induce you to Place Orders before Seeing
Our New Samples and Prices**

6. The allowance to Councillors is increased from \$4.00 to \$5.00 per day "when in actual attendance at a sitting of the Council or upon the business of the College including going to and returning from each sitting."

7. It is made obligatory that the student must attend two courses of lectures "at the Ontario College of Pharmacy."

8. The annual fee is to be "a sum not exceeding \$4.00" for each place of business, and where a branch store is under the management of an employee it is provided that such an employee must be "a graduate of the Ontario College of Pharmacy."

9. This section provides that the only drugs or medicines, which may be sold by any one not registered under the act are "patent or proprietary medicines as provided for in section 34 of this act together with turpentine, epsom salts, senna, alum, borax, castor oil, sulphur, Glauber's salt, cream of tartar, carbonate of soda, bicarbonate of soda and glycerine." It also provides against the use of any sign or advertisement which would be calculated to lead people to infer that he was licensed under this act.

The above is a summary of the amendments which will become operative on the first day of September, 1905. We have endeavored to give it in as condensed form as possible, but at the same time giving all the amendments.

MEETING OF JOINT COMMITTEE

A special meeting of the Joint Committee representing the Canadian Wholesale Druggists' Association and the "Drug Section" of "The Retail Merchants' Association of Canada" was held in the King Edward Hotel on Wednesday afternoon, May 10th, 1905, at 3 o'clock. All the members of the Committee were present.

The special business that came before the meeting was the consideration of a reply received from the Proprietary Articles Trade Association. At a former meeting the Committee requested the Proprietary Articles Trade Association to state definitely how far they would go in selling their goods under a contract whereby they would have control of the cutters.

The following are the copies of the communications read:

Mr. F. M. Trowern,
Sec'y Joint Committee,
City.

Dear Sir,—

At a meeting of the officers and members of the Board of Control of The Proprietary Articles Trade Association, held this 16th day of March, at the King Edward Hotel, in the City of Toronto, the question of the report from the Board of Control of this Association was considered very carefully.

It was finally moved and carried, that I transmit to your combined Associations, the following resolution:

"Whereas the agreement between the Retail Merchants' Association of Canada (Drug Section) the Canadian Wholesale Druggists' Association, and retail druggists, submitted to the Proprietary Articles Trade Association of Canada, has been declared by legal authority as contrary to the Criminal Code of Canada, and whereas an alternative scheme or satisfactory understanding has not yet been presented.

"Whereas the Proprietary Articles Trade Association of Canada is unanimously opposed to the cutting of prices, and whereby the retail druggists are deprived of a reasonable and just margin of compensation in the sale of proprietary medicines. The Board of Control of the Proprietary Articles Trade Association of Canada, after conference and careful study, beg to recommend for the necessary individual action of the members of that Association:

"First, that the sale of proprietary medicines be limited as far as practicable in their judgment, to individuals or houses conducting a jobbing business;

"Second, that each jobber purchasing proprietary medicines from the manufacturers, be requested that said goods will not be sold to cutters, or departmental stores;

"Third, that the manufacturers of proprietary medicines be further requested to market their goods only through such individuals or houses as may comply with the requirements above cited.

"In connection with this recommendation the Board of Control desires to suggest that the Secretary be instructed to submit same to authorities of the Retail Merchants' Association of Canada (Drug Section), and to the Canadian Wholesale Druggists' Association, for the purpose of obtaining the approval of these two Associations prior to submitting individually to the members of the Proprietary Articles Trade Association of Canada for action."

Yours truly,

L. S. Levee.

The Committee replied as follows:

L. S. Levee, Esq.,
City.

Dear Sir,—

I have been requested by the Joint Committee representing the wholesale and retail trade to say that your letter of March 16th has been carefully considered by them, and they appreciate the desire on the part of your Association to assist them in preventing price cutting. They considered that three clauses submitted for their consideration embodied the expression of the proper principles, but they did not go far enough in providing a means for their practical application, and I was requested therefore, to send you the following resolution:

"That whereas the principles set forth in the resolution submitted to us by the Proprietary Articles Association on March 16th are satisfactory, yet, in our opinion, it lacks a workable plan, and we therefore submit to

the Proprietary Articles Trade Association a copy of a plan, which we think would carry out to a practical conclusion, the principles embodied in their resolution."

The form of agreement enclosed is for the purpose of having each individual manufacturer adopt it as his plan of selling goods, and he would secure to it the signatures of all the wholesalers, and it would therefore be adopted by him as his method of selling goods.

Trusting this will receive your consideration, and immediate attention, I remain, on behalf of the Committee,

Yours truly,
E. M. Trowern,
Secretary, Joint Committee.

The Committee felt that in order to carry out the desire of the Proprietary Articles Trade Association, it was necessary that some specific form of contract should be entered into, and the following was submitted :

Dear Sir,—

We beg to submit to you the prices, terms and understanding under which our goods from this date are to be handled by the trade, and desire your written acceptance and promise to comply with the same.

(List of manufacturers' and retailers' prices here.)

We will limit our sales to individuals or houses conducting a legitimate wholesale business, and will not sell buying clubs or syndicates, and we will not supply our goods without the written promise of compliance with the following conditions, and where it has been demonstrated that the same has not been carried out and maintained, we will decline to fill the future orders from such offending house.

First That our goods will not be supplied to any dealer who is a cutter.

Second. That goods purchased from us will not be divided up with any one.

Third. That the prices and terms from the wholesale to the retail trade, and from the retailer to the public, as set forth, will be strictly adhered to.

Fourth. That in the event of any violation of the foregoing conditions we shall have the right to demand the return of any of our goods that may be in the stock of the offending dealer, at the price at which the goods were purchased from us.

(Proprietor's Signature.)

I (or we) accept and agree to the above terms and conditions of sale in every particular, of goods supplied to me (or us) and promise to strictly maintain and abide by the same in spirit, as well as in the letter.

This is subject to cancellation by letter, and the return by me (or us) of the goods on hand.

(Wholesaler's Signature.)

The following is the copy of the reply from the Proprietary Articles Trade Association.

Mr. E. M. Trowern,
Sec'y, Joint Committee,
City.

Dear Sir,—

In accordance with your request, and the request of your Committee, I have transmitted the resolution as passed by the Joint Committee to the members of the Board of Control and the

Executive, and I am notified to-day to place before you the following,

"That the Executive and Board of Control have thoroughly considered the proposition placed in your hands, and it is simply useless for the Board to consider your proposition, or to accept any conditions other than those already given to the Joint Committee for their acceptance or rejection, and that there is not the slightest use in our recommending to our membership anything that is not approved of by the Board of Control and the Executive."

Therefore, I would presume that the Board of Control and the Executive, either want your acceptance or rejection of the proposition placed in your hands.

Yours truly,
L. S. Levee.

In view of the above the Committee felt that no matter how much the manufacturers may have desired to prevent price cutting, unless some practical plan was adopted whereby it could be done, any effort in that direction would be useless, and seeing that the manufacturers do not desire to deal with the subject through their association, the Committee felt that the only safe plan for them to adopt would be to deal individually with the manufacturers, and have their goods placed upon the Price Contract Plan.

A full and thorough discussion of the Price Contract Plan was then considered, and it was unanimously carried that the work be taken up and pursued as vigorously as possible, and in future the price contract work will be dealt with by this committee.

Mr. Fowler, representing Messrs. Scott & Bowne, was present at the meeting, and he decided to adopt the plan of contract and to place Scott's Emulsion of Cod Liver Oil under the plan.

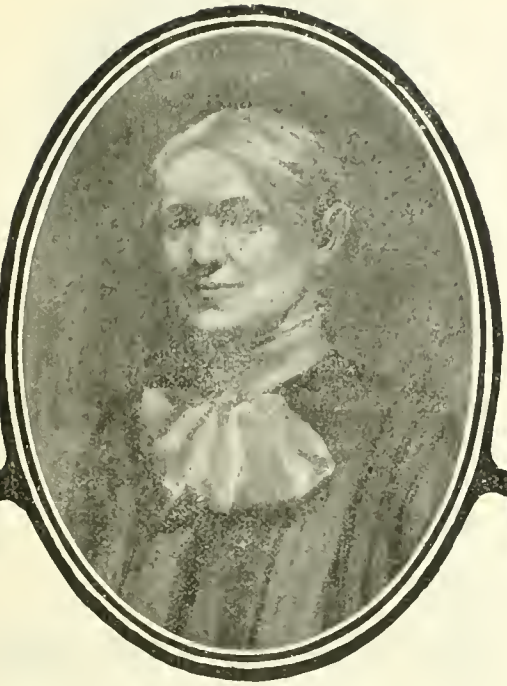
No further business coming before the meeting it then closed.

COUNCIL ELECTION

But little interest appears to be taken in the selection of candidates for members of the Council of the Ontario College of Pharmacy. Up to date of going to press, May 26th, only five nominations had been received, and as all nominations must be in the hands of the Registrar by June 5th, it does not appear as if there would be a contest in any of the Electoral Districts, and there are yet several Districts in which nominations have to be made.

The following are the nominations up to the time of writing :

No. 1. Henry Watters, Ottawa ; 2. E. W. Case, Picton ; 3. J. H. H. Jury, Bowmanville ; 5. John Hargreaves, Toronto ; 12. J. M. Hargreaves, Paisley.



Mother's MUSTARD PLASTERS

**First Aid For the Household
First Rate for the Druggist**

Specify Mother's next time you order Mustard Plasters and you will get everything you ever got before.

Plus, several things that you didn't—each one intended to increase your Mustard Plaster business.

Put up in envelopes on an exceptionally strong and attractive display card.

Three full size Mustard Plasters in each envelope.

Order from your Jobber

Prepared by
BAUER & BLACK
Chicago, U.S.A.

Druggists!

Are you making a profit on the Kidney Pills you are selling?

With every three dozen lot of **Gin Pills** we give a bonus of one half dozen. It works out this way:—

42 Boxes for \$12.00 less 5%—27c. each. **Profit, 85 per cent.** Jobbers throughout Canada will supply you at the above prices; we will supply the bonus.

The
BOLE DRUG CO.,
Winnipeg.

Third Reason

(MORE ARE COMING)

Why you should always handle

**BOWDLEAR'S
W.H.B. WHITE WAX**

**The W. H. B. White Wax Caters to
Your Particular Requirements.**

Of course, it is ordinarily made in certain shapes and sizes, but such forms are by no means unchangeable. As a matter of fact, if you prefer it in other shapes, we shall be glad to make it just as you want it. Then again you can get the W. H. B. WHITE WAX promptly when you want it and as you want it. Twenty-six years of uninterrupted success tell unmistakably what the druggists of this and other countries think of the W. H. B. WHITE WAX. With a sample in hand you can demonstrate to yourself how superior the W. H. B. White Wax actually is. Why not post your request for the sample before the sun goes down?

Conveniently yours,

W. H. Bowdlear & Co.
Boston, Mass., U.S.A.

Paper—Every Sort
Stationery—Complete Stock
Account Books
Office Requirements
Leather Goods

New Lines in Ladies' Bags, Wallets,
 Bill Cases, Letter Cases, &c. = = = = =

Stock Complete, Fresh, of Undoubted Value.
 Letter Orders Promptly Executed.

Brown Bros., LIMITED
 Wholesale and Manufacturing Stationers,
 51-53 Wellington Street West, Toronto

Sponges ! Sponges !

SAUNDERS & EVANS, LIMITED

is headquarters for all kinds of sponges, both natural and bleached—Boat Sponges, large and strong—Special line of Moulders—Bath and Washstand sizes—also Tanners', Potters', Harness and Boot—Mediterranean and all the finer Silk Varieties—Nassau Wool is a very good Carriage Sponge.

SAUNDERS & EVANS, Limited
 SPONGE IMPORTERS.

Note Trade Mark

THIS IS THE ORIGINAL PREPARATION IN LIQUID FORM



CANT BE BEAT

CARPENTER'S
Water-proof
Liquid
COURT PLASTER

Heals Cuts, Burns, Wounds and all
 Abrasions of the skins

It is an invisible, water-proof, pliable, antiseptic, germ-destroying plaster, healing rapidly. WE OFFER \$1,000.00 for every drop of COLLODION Acid, or Gun Cotton found in this preparation.

Toilet Size 10c.

Physicians' Size 25c.

Ask your JOBBER for it. Manufactured by

CARPENTER CHEMICAL CO., Detroit, Mich., U.S.A.



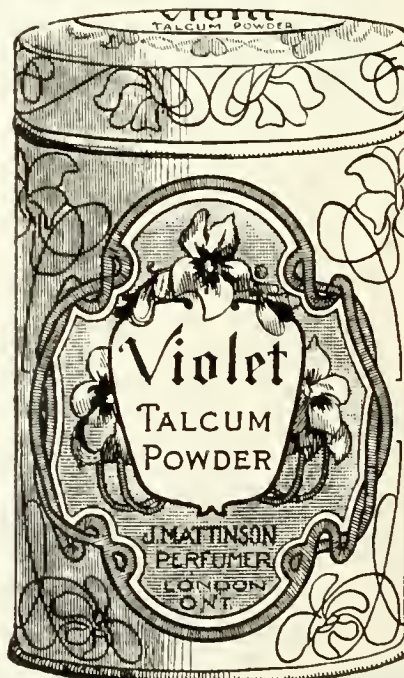
Programme for 1905.

MORE ADVERTISING

MORE SALES

MORE PROFITS for the Retail Druggist

Archdale Wilson, Hamilton.



One of the best and most attractive Powders on the market; made in Canada and moderate in price. For sale in all up-to-date Drug Stores.

The London Drug Co.

Wholesale Agents

LONDON ONT.

SOUVENIR POSTAL CARDS

Souvenir postal cards are a new line for druggists, which has proved a great success. Many enterprising stores in towns and cities of all sizes have lately published series of their own local views, and report brisk sales, leaving a large margin of profits. These cards are all supplied by the Montreal Import Company, Montreal; this firm makes a specialty of publishing high class souvenir cards from photos supplied to them by their customers. Series of 10 different views are mostly ordered, but smaller orders are also executed. As the name of the druggist placing order can be printed on each card, this line is at the same time a splendid advertisement for the store.

HAVE YOU STOCKED CAMERAS

The weather this spring has certainly been of the chilly order, which is, perhaps, all the better for the country at large because vegetation has not been forced unduly forward, and, consequently there is less damage possible should a late frost occur. The cool weather, has, however, somewhat retarded spring business in certain lines, one of which is cameras, for which there will be a sharp demand amateur and would-be amateur photographer are getting restless, anticipating the pleasure of wandering through the woods and along the rivers, taking snap-shots of such views as catch their fancy, and soon there will be enquiries for cameras, kodaks and photographic supplies. Are our readers ready for this demand? If they are not, they should lose no time in stocking sufficient for their needs, otherwise they may lose permanently a source of business which they can retain and make very productive, if only they pay the proper attention to it.

SCHOOL OF PHARMACY

A School of Pharmacy is being talked about in connection with Trinity College, Dublin. It is not known, says the Phar. Journal, whether the Senate contemplate the institution of a degree in chemistry and therapeutics, but now that the doors of the University have been opened in arts and science to women students, the tendency is still further to widen its portals.

FINED FOR ILLEGALLY SELLING LIQUOR

Dr. Gahan, the proprietor of a drug store at Hartney, Manitoba, has been fined \$100 and costs on each of three charges of selling liquor illegally, the fines totalling \$300 and costs.

MONTREAL COLLEGE OF PHARMACY

The annual meeting of the Montreal College of Pharmacy, was held in the College building, 595 Jagauchetiére Street, on Thursday, May 11th, a large number of the members being present and Mr. A. J. Laurence, President, occupying the chair.

After reading the minutes of the last annual meeting, which were duly confirmed, the Secretary-Treasurer, Mr. E. Muir, read the annual report and financial statement and also the financial statement of the building fund committee, all of which showed a satisfactory progress.

The scrutineers having completed the counting of the ballot papers for the new board, announced the following nine gentlemen to have received the highest number of votes, and therefore duly elected as members of the Executive Board, namely: John E. Tremble, Joseph Contant, R. W. Williams, L. G. Ryan, W. H. Chapman, Ed. Giroux, jr., W. S. Kerry, A. J. Laurence and Henri Lanctot. These gentlemen, with the following officers, who were elected by acclamation, will compose the board of the College for the year 1905-1906, namely: David Watson, President; Alex. B. J. Moore, Vice-President, and E. Muir, Secretary-Treasurer.

CHEMISTS' AND DRUGGISTS' RIFLE ASSOCIATION

At a meeting of the executive committee of the Chemists' and Druggists' Rifle Association, Montreal, arrangements were made for the season's shooting. The membership fee was fixed at \$1.50. Any person interested in rifle shooting is eligible for membership. For further information apply to J. E. Morrison, president, 384 St. Paul street, or to H. A. Gourley, secretary-treasurer, room 40, Guardian Building, St. James street, Montreal.

PATENT MEDICINES SEIZED

As the result of a raid made by the sheriff and deputies, a large stock of patent medicine, which it is claimed contained a high percentage of alcohol was confiscated in the store of Messrs. Cobb, Wight & Co., Rockland, Maine, Governor Cobb being senior member of the firm. The seizure was made on the grounds of infraction of the Maine prohibitory law. The grocery store of the John Bird Co. was also visited and a stock of medicines seized.

DIDN'T TAKE HIS OWN MEDICINE

"What did that health food manufacturer order for breakfast this morning?" asked the chef.

"Beefsteak, hot biscuits, French fried potatoes and black coffee," answered the waiter.—Indianapolis Sun.

THE CROWN PERFUMERY COMPANY

The Crown Perfumery Co., Hornerton, London, N.E., England, who have branches in New York, Paris, Berlin, Vienna and Copenhagen, have the well-earned reputation of always publishing a tasty catalogue, but this year they have surpassed all previous efforts. Printed on the best of paper, nicely bound and well-illustrated, it shows the firm's intention to be well up-to-date. Special attention is given to their new series of perfumes, bath powders and soaps, which are becoming more popular every year. Caution is given to customers as to purchase of substitutions for Crown Lavender Salts, the latter of which are the firm's own invention and registered property. Of particular interest are the anti-cutting rules adopted by this firm last year, which have met with the warmest appreciation of their customers in all parts of Great Britain. A list of the principal goods is given, accompanied by the prices at which the retailers must sell them, while all other lines not specially mentioned must bring the retailer a good minimum profit.

FREDERICK STEARNS & CO.'S GOLDEN JUBILEE

We neglected last month to call attention to the semi-centennial anniversary of the foundation of the firm of Frederick Stearns & Co., Detroit, Mich., and Windsor, Ont. The founder, Mr. Frederick Stearns, was born in 1832 and entered on his apprenticeship to a Buffalo druggist when 14 years old. After qualifying himself by attending lectures on pharmacy and chemistry he was admitted as partner into the firm to which he had been apprenticed. In 1854 he sold out his interest, and a year later opened a store in Detroit, which was the origin of the present vast business. The manufacture of pharmaceuticals for the trade was soon started, and in spite of two disastrous fires, the business grew rapidly. Mr. Stearns retired from the retail business in 1881, when his manufacturing business was incorporated with a capital of \$200,000, he retaining the presidency. The growth of the Canadian trade soon necessitated the opening of a laboratory at Windsor, which was established in 1884, and three years later Mr. Stearns retired, handing over the presidency to his son, Mr. Frederick K. Stearns.

The New Idea, published by the firm, in an historical sketch of the house, gives some interesting information concerning Mr. Stearns apart from his connection with the firm. Since he retired, he has travelled a good deal, and has amassed a valuable collection of coins, precious stones, works of art from the East, etc. The conchology of Japan has been made his special study, and his work on "The Marine Monarchs of

Japan" is recognized as a standard book of reference. He has also received the degree of M.A. from the University of Michigan.

AN ATTRACTIVE LINE

The Picture Post Card is a line of goods which many people supposed would have but a short life, but on the contrary, the demand for these goods appears to be largely on the increase.

This is due no doubt in a large measure to the fact that many of the cards now exhibited are real works of art, and not merely the common prints which were so much in evidence at the early stage of this "fad."

Amongst the manufacturers of this line of goods, the firm of Ferd. Anthony Horle Co., 8 St. John's Lane, London, E.C., England, stands out prominently as offering a range of subjects which are particularly attractive and in which the coloring and finish are beautifully executed. Amongst the samples shown us were those of English Cathedrals, British Warships and real Japanese Post Cards (hand painted), all of them very attractive and sure to commend themselves to the trade and the general public.

Write them for catalogue.

THE DRUG STORE IN THE VATICAN

The private drug store which was established in the Vatican, Rome, by the late pope to supply the needs of the permanent Vatican population, which numbers over 3,000, has just been closed by Pope Pius X., says the Roman correspondent of the Boston Transcript. It seems that the late pope gave the store into the charge of the brothers of St. John of God, whose special mission is ministering to the sick in the hospitals. As all goods received at the papal palace are exempt from octroi or custom duty, the brothers found their trade very profitable in competition with neighborhood drug stores, and it soon became the custom with large numbers of the Roman populace to buy their drugs and have prescriptions compounded at the Vatican drug store because of its low prices and the high quality of the goods. The Vatican was consequently overrun with people going to and from the drug store. This, however, was not the reason the pope ordered the store closed and sent the brothers to their convents. It appears that of late the brothers have undertaken the manufacture of elixirs and cordials which, bearing the Vatican trade mark, had received many prizes at many exhibitions in Italy and abroad. Pius X. was chagrined to find such a trade being conducted within the Vatican walls, and with characteristic firmness he at once ordered that the store should remain closed until new orders shall be issued regarding it.

HEYES BROTHERS

TORONTO, CANADA

Wholesale Importers of Fancy Leather Goods,
Druggists' Sundries, Pipes and Smokers' Articles.*We beg to announce that our travellers are now
on their respective routes, with a full and most com-
plete line of the season's latest productions.*

Wholesale Distributors

of these Celebrated

Special **SMOKING PIPES****When You Prescribe a Tonic**

all conscientious doctors can unhesitatingly recommend

WILSON'S INVALID'S PORTIt is a rich wine with which have been carefully blended extracts of
Cinchona bark.It is positively free of all deleterious ingredients; its absolute
purity being vouched for by such eminent medical authorities as L.
Minier, French chemist, of the celebrated Laboratory of Practical
Sciences, and Milton L. Hersey, Canadian Government Analyst.It is strongly recommended for **Anaemia, Chlorosis, General
Debility, and for heavy mental or physical strain.****LAWRENCE A. WILSON CO., Limited**

Canadian Agents, MONTREAL.

— THE —
**Picture Post Card House
OF CANADA**

(Established 15 years.)

WE make special series of Souvenir Cards
for every locality from photos supplied
by customers, and guarantee the finest finish to
be had.

300 different Canadian Post Cards, and a
large assortment of Fancy Cards ready for im-
mediate delivery.

Write for Samples and Prices**The Montreal Import Co.**

17 ST. JOHN ST. - MONTREAL

**In time of plenty
prepare for famine**In other words—When eggs are plentiful and
cheap immerse them in a solution of**ELLIOT'S
Water-Glass
Egg
Preserver**

Eggs thus treated are so well preserved that
when brought into use after storing for six or eight
months or more the flavor will be found unimpaired.
Those who have used it recommend it highly. It
does what is claimed for it. We want you to try it
and we want a place for it in your stock.

Small size preserves 9 or 10 doz. eggs.

\$1.20 doz.; case 2 doz. @ \$1.10 doz.; case 6 doz.
@ \$1.00.

Large size contains five times quantity.

\$4.00 doz.; case 1 doz., \$3.75.

**ELLIOT'S
Pocket
Medicine Case**

provides in pill form, medicines for the cure or
prevention of Malaria, Colds, Fevers, Chills,
Diarrhoea, Dysentery, etc. It will be seen at once
that such a pocket-package is of great value to
Campers, Tourists, Sportsmen, Voyagers, Itinerant
Clergymen, and others. Full directions and a pack-
age of Court Plaster are included.

Price, 25c. Wholesale, \$2.00 per doz.**LETTER ORDERS**

Direct orders are, to our mind, trusts committed
to us by our customers, and are dealt with by us as
such. Our correspondents can therefore depend
upon us to give fair prices (quantities ordered always
considered) and special care. We ship promptly.
Are we getting **your** direct orders? Put us on
trial.

The ELLIOT & CO., Limited
5 Front St. East, Toronto

LYMAN'S LIGHTNING FLY PAPER POISON

SEASON 1905

NO CHANGE IN PRICE

5c. Size

3 Papers in Package
6 doz. Packages in Box

Price, \$1.50 per box

10c. Size

6 Papers in Package
3 doz. Packages in Box

Price, \$1.50 per box

In handsome Counter Display Boxes. Send your orders now for your Season's Supply.

THE LYMAN BROS. & CO., Limited

Wholesale Druggists, TORONTO.

LAWSON & JONES

Are Canadian Headquarters for



Druggists' Printing
and Lithographing
Calendars and
Advertising Novelties
Envelopes
Folding Cartons
and all lines of
Paper Boxes

LAWSON & JONES,
LONDON, CANADA.

Satisfaction in Selling

**GAUZES, COTTONS,
LIGATURES and PLASTERS**

Is not a matter of uncertainty when you handle the
Goods supplied by

Chandler & Fisher
LIMITED
WINNIPEG

"Direct Importers of Surgical Supplies and
Druggists' Rubber Specialties"

MAIL ORDERS RECEIVE PROMPT ATTENTION

Trade Notes

The Roche, Danford Co., Ltd., general dealers, Newmarket, Ontario, have sold their drug business.

Dissolution of partnership is announced for the Pharmacie Chine, Montreal, Quebec.

The Pharmacie Ste. Anne has been registered at Montreal, Quebec, as druggists.

R. E. Campbell has purchased the drug business of H. B. O'Connor, Teeswater, Ontario.

J. Nelson has purchased from W. W. McKeague the St. Louis Bridge branch drug store, Winnipeg, Manitoba.

W. H. Gillespie is opening a new drug store at Fort William, Ontario.

Howell & Lawrason have purchased the drug business of J. J. Perry, Napanee, Ontario.

P. S. Euman, druggist, Moncton, New Brunswick, has moved to Port Elgin, N.B.

G. R. Cooke, druggist and stationer, Fillmore, Assiniboia, N.W.T., is adding a stock of furniture.

F. C. Churchill has purchased the drug business of G. B. Parker, Wolfville, Nova Scotia.

The firm of Hawkins, Limited, drugs, etc., has been incorporated. Head office, Hamilton, Ontario.

Braund & Co., druggists, Wawanesa, Manitoba, have admitted another partner.

Dr. Godfrey has purchased the drug business of E. B. K. Foster, of Richard's Landing, Ontario.

Waterbury & Rising have purchased the drug business of O. D. Hanson, Fairville, New Brunswick.

J. R. Gunn & Co., of Chatham, have purchased the drug business of the late Henry Parker, Durham, Ontario.

H. A. Wise & Co., Winnipeg, Man., are opening a new drug store on Portage Ave. in the west end of the city.

The Sorauren Avenue Pharmacy are successors to the business formerly owned by B. C. Walterhouse, 190 Sorauren Ave., Toronto, Ontario.

Mr. Frank Marlatt is opening a new drug store in Medicine Hat, Assiniboia, N.W.T.

R. T. Hoskin has opened a new drug store at Winnipeg, Manitoba.

E. J. Knight, druggist, Wallaceburg, Ontario, has sold out.

COMPANIES

The Canada Truss Co., Montreal, Quebec, has been registered.

The Sanito Remedy Co. has registered at Montreal, Quebec, as manufacturers of Patent Medicines.

The Cherrine Chemical Co., manufacturers of drugs, etc., has been registered as doing business at Montreal, Quebec.

The Beaver Soap Co. has been incorporated with head office at Toronto, Ontario.

Lafrenaye & Gaudreau have registered at Montreal, Quebec, as manufacturers of patent medicines.

The Oriens Chemical Co., Limited, has been incorporated. Capital stock, \$10,000. Head office, Carleton Place, Ontario.

The Arabian Medicine Company of Canada, Ltd., with capital stock of \$50,000, has been incorporated. Head office, Carberry, Manitoba. Directors: A. E. Munson, T. D. Stickle, R. M. Harrison, G. Barrett, and H. E. Waller.

Chandler, Ingram & Bell, Limited, have been incorporated as a joint stock company, capital \$75,000. Head office, Toronto, Ontario. The company will deal in drugs, pharmaceutical preparations and physicians' supplies.

The Seal of Manitoba Cigar Co., Ltd., has been incorporated.

John Cowan Company, Limited, Montreal, Que., has been recently organized for the purpose of making and selling chemicals, dye-stuffs, cements, etc., and of acquiring other businesses of this nature. R. L. Gaunt, of Westmount, and Chas. Adams, of St. Lambert, are interested.

DRUG CLUB'S EUCHRE EVENING

Another enjoyable function took place at the Montreal Drug Club on the evening of April 27th, and the success which attended it goes to show that the popularity of the Club increases day by day. Invitations had been sent out previously to all the members, requesting them to assemble for a "Stag Euchre."

The President was at his post early in the evening and gave the boys a most cordial welcome. As the game proceeded the excitement became intense. All were out to win one of the four choice prizes offered for the occasion, and judging by the many merry faces the fellows enjoyed themselves to a great degree and forgot for the moment that the fair sex were not represented. Mr. Dearden's many choice selections on the piano during the game were much appreciated. After the tallies were counted up the prizes were distributed to the following gentlemen:—Mr. Hayes, 1st; Mr. Gourlay, 2nd; Mr. Griffiths, 3rd; Mr. Aronson, 4th. Substantial refreshments followed, to which full justice was done.

The committee would have been greatly pleased had the attendance been larger, but considering the many other attractions for the same night, the boys turned out well and all went home satisfied that the drug clerks know how to enjoy themselves whenever an opportunity presents itself.

ONTARIO COLLEGE OF PHARMACY

SEMI-ANNUAL EXAMINATIONS

The results of the sixty-ninth semi-annual examination of the Ontario College of Pharmacy are as follows:

Prizemen—The John Roberts scholarship, Fred E. Morrison, Brantford; the John Roberts Medal, Fred E. Morrison, Brantford.

General proficiency medals—College gold medal, J. Elver Souder, Preston; college silver medal, A. J. Brownlee, Ottawa.

Subject medals—D'Avignon medal (dispensing), Andrew Kennedy, Ottawa; pharmacy medal, W. P. Breckenridge, Woodstock; chemistry medal, E. B. Flint, Stouffville; materia medica medal, C. L. Copeland, Guelph; botany medal, E. P. Stewart, Warwick.

Honor list, in order of merit—Fred E. Morrison, J. E. Souder, A. J. Brownlee, C. L. Copeland, Andrew Kennedy, E. B. Flint, W. S. McDonald, A. Cornyn, W. F. McGill, F. S. Wilson, J. R. Collinson, Frank Gibson, E. P. Stewart, J. F. McLay, W. P. Breckenridge, A. R. Lemon.

Pass list (alphabetically arranged)—A. C. Allen, R. M. Arbutnot, Walter Avery, R. H. Barber, L. W. Bigger, W. E. Brimblecombe, A. E. Black, G. W. Brant, G. M. Brown, N. T. Brown, W. H. Caldwell, W. J. Charles, Geo. N. Collins, L. B. Cooke, W. E. Corlett, J. R. Darling, H. O. Dietrich, R. D. Devlin, E. L. Doane, Lorne Douglas, J. V. Doyle, Hugh Elliott, H. C. Fairman, R. R. Foster, A. Gainer, A. W. Garner, H. H. Gregory, A. J. Hamilton, W. R. Hammond, W. C. Hanes, J. B. Hardy, J. L. Harris, R. E. Harrison, R. S. Harrison, F. W. Heath, A. W. E. Hemphill, B. G. Hunt, M. W. Huston, W. M. Ivel, T. S. Jackson, W. W. Jeffrey, G. L. Jepson, R. L. Johnson, Walter Johnston, A. A. Keir, J. M. Kelly, W. W. Ker, R. L. Kitchen, E. C. Lawrence, W. H. Lister, F. E. Livingstone, F. Lyne, H. S. Mann, J. P. Marrin, Miss S. P. Marshall, W. A. Marshall, H. W. Martin, S. G. Moore, H. C. McBurney, J. A. McCormick, T. H. McCready, F. W. M. McCullough, D. S. McCutcheon, C. H. McFarlane, U. A. O'Neil, L. K. Norris, T. E. Paterson, G. S. Pepper, Harry W. Pew, R. H. Pickard, Geo. A. Quinn, H. Richardson, R. M. Roddick, James A. Rouse, D. T. G. Rumph, S. M. Scott, J. S. Shier, F. H. Spence, H. A. Spottswood, C. H. Stewart, W. W. Storr, R. P. Teasdale, A. J. Tovey, J. H. Tupling, W. A. Twiddy, F. A. Venn, G. W. Waddell, M. L. Walker, G. M. Walkey.

Passed in part subjects—J. G. Armstrong, dispensing, prescriptions, chemistry, practical pharmacy, and botany; H. R. Bingham, dispensing, prescriptions, practical chemistry, practical pharmacy, and materia medica; Leslie H. Brown, dispensing, prescriptions, chemistry, practical

chemistry, and practical pharmacy; Adam Bruce, dispensing, prescriptions, chemistry, practical chemistry, and practical pharmacy; J. A. Breen, dispensing, prescriptions, chemistry, practical pharmacy, and materia medica; W. A. Clarke, dispensing, chemistry, pharmacy, practical pharmacy and botany; L. W. Colvin, dispensing, prescriptions, chemistry, practical pharmacy, and materia medica; R. P. Cooper, dispensing, prescriptions, chemistry, pharmacy, and practical pharmacy; E. W. Elder, dispensing, prescriptions, chemistry, practical chemistry, and practical pharmacy; S. R. Hart, dispensing, prescriptions, practical chemistry, pharmacy, and practical pharmacy; F. D. Keeley, dispensing, chemistry, practical chemistry, pharmacy, and practical pharmacy; E. P. Trebilcock, dispensing, prescriptions, practical chemistry, practical pharmacy, and botany; P. A. M. Wright, dispensing, prescriptions, chemistry, practical chemistry, and practical pharmacy; W. J. Wright, dispensing, prescriptions, practical chemistry, practical pharmacy, and botany.

M. C. Dow, who conducts seven drug stores in Cincinnati, has filed suit against a number of manufacturers, wholesalers and associations, to enjoin them from maintaining an alleged combination to maintain prices, which she declares is in restraint of trade. She also asks for \$50,000 damages. Suits are entered against the N.A.R.D., the N.A.W.D., the P. A. of A., and the Ohio Valley Druggists' Association.

A London (Eng.) firm is making a number of post-card novelties. The latest one is the "Discal Post Card," to which is attached a musical disk which can be used on a gramophone. One form bears the portrait of a popular actress accompanied by a "record" of her favorite song. The cards retail at sixpence.

COMMENCEMENT EXERCISES

Our thanks are due to the Alumni Association and the Massachusetts College of Pharmacy for an invitation to their 35th Annual Banquet and Commencement and Class Exercises which were held at Boston, on May 18th.

NEW GOODS

The Crown Perfumery Co., of London, are showing some new and very choice lines this season, amongst others being their "Sweet Pea," "Natural Violet," and "Violette de Parme," the range of the latter consisting of Perfume, Face Cream, Soap, and Bath Powder. The Crown "Crab Apple Blossom" is still a genuine favorite everywhere.

Telegrams: Tyrer, Stratford, London. A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, Limited

Manufacturing Chemists

STRATFORD LONDON
ENGLAND

GOLD MEDAL

ST. LOUIS, 1904

Bismuths
Mercurials

"STERLING BRAND"
PURE

Ethers
Hypophosphites

ACID PHOSPHORIC

(Made from Phosphorus)
All Strengths
GUARANTEED FREE ARSENIC
Technical Chemicals

Enquiries solicited from INVENTORS, PATENTEES, etc

Thomas Glover & Son, Carlton, Nottingham, Eng.

Our firm is the OLDEST, LARGEST,
CHEAPEST and BEST. Enjoying
reputation of 60 years, for the manu-
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Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

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Exporters and Importers of Crude
Drugs.

Growers of French Herbs.

Specialty of Irish Moss.

Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)

Agents Wanted in Every Important Town.
Offers for American Drugs Solicited.

JUST PUBLISHED. Thoroughly revised and improved. ELEVENTH
EDITION. Medium 24mo, roan, limp. Price 9s. 6d. net; post free, \$2.40

The Extra Pharmacopœia

OF MARTINDALE AND WESTCOTT

REVISED BY

W. HARRISON MARTINDALE, Ph.D., F.C.S.
and W. WYNN WESTCOTT, M.B.Lond., D.P.H.,
H.M.'S Coroner for North-East London.



London: H. K. LEWIS, 136 Gower Street, W.C.

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarborough,
writes:

Some short time ago I obtained from you
a sample bottle of your Hair Dye. The lady
has tried it and is very much pleased with it,
finds it the best she has ever used. I shall
therefore be glad if you will send me three
dozen bottles assorted (most in demand) if not
already represented in Scarborough.

Retail, 2/ 3 6 and 10/6.

Wholesale, 12/ 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

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CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
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F.C.CALVERT & CO.

(OF MANCHESTER, ENG)

807 Dorchester St. = MONTREAL



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

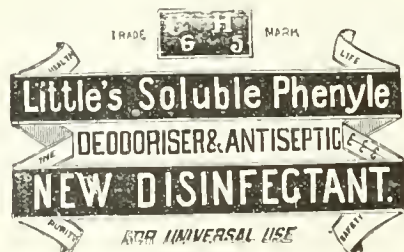
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WRIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Seasonable Specialties

Antiseptic Throat Pastilles

"EVANS"

LANOLINE BRITISH

AWARDED "GRAND PRIX," ST. LOUIS, 1904

1, 7, 14, 28, 112 lb. pkgs., also Toilet
in Tubes, Tins, and Pots

"EVANS" DISINFECTOL (Registered)

A Perfect Disinfectant.

In pint bottles, in qt., 1 gal. and 5 gal. tins, in
barrels.

Belladonna Plaster on Scarlet Felt

"The Ideal Plaster"

Ankers' Bouillon Capsules

✻ Evans' Coughnomores ✻

4 lb. bottles.

Evans' Special ✻ Norway Cod Liver Oil ✻

EVANS AND SONS

Limited

MONTREAL NEW YORK TORONTO

AN INTERNATIONAL COMMERCIAL TRAVELLER'S VIEWS ON CANADA.

We had the pleasure recently of a visit from Mr. H. Uttley, who, in his capacity as representative of the Crown Perfumery Co., London, Eng., has journeyed round the world no less than five times, and who, consequently, is a good authority on comparing conditions in Canada and elsewhere.



MR. H. UTTLEY,

Mr. Uttley is emphatic in declaring that Canada is the finest of the British colonies and that, were he to settle, he would select this country in preference to any other part of the world. As compared with others the Canadian is alert, up-to-date and has that spirit of hustling, which is such a factor in carrying on a business to a successful issue. The Australian is more imbued with English ways. In some things Australia could give Canada pointers. One thing was in a better train service, especially in the Northwest and British Columbia, and also in hotel accommodation in those same parts. Australia possessed great wealth, but there was a lack of staple industries in the principal cities and towns such as would be found in other countries. The people were too apt to depend on sheep, wool, and cattle and the dry seasons experienced from time to time had an injurious effect on the country and on business. The rabbit scourge had been greatly minimized by the erection of wire fences enclosing the sheep and cattle runs, and by the wholesale slaughter of these pests for canning for the British and other markets.

Mr. Uttley is greatly impressed with the rapid progress that Canada is making, especially in Manitoba and the Northwest, and with the general prosperity of the country. The way Winnipeg has gone ahead since his last visit was a genuine surprise to him and that city could not fail to a most important centre and distributing point.

As regards British Columbia, Mr. Uttley considered that the heavy license imposed on commercial travellers doing business in that province must act to the detriment of trade there by keeping many away. In addition to this license he had to pay 50 per cent on the total value of his samples, and no rebate was allowed when he left the province, as is the case in Australia.

Business in South Africa was practically in a state of stagnation, and as expenses were very heavy there, commercial travellers were, at present, giving that country a wide berth. Improvement in this state of affairs might, however, be looked for.

A commercial traveller like Mr. Uttley, who is always on the move, does not see much of home life, but, carrying as he does, letters of introduction to places which he visits, he has very pleasant memories of many kindnesses shown him in various parts of the world.

Mr. Uttley reports a steadily increasing sale of the world-famed products of the Crown Perfumery Co., and his sales thus far in Canada this season largely exceed those of previous years.

DELAYED IN REMOVAL

Messrs. H. Planten & Son, The Pioneer American Capsule House, established in New York in 1836, inform us that owing to various delays incidental to erecting so large a building they will not be in position to move to their New Laboratory, 93 Henry St., Brooklyn, N.Y., till August. They assure us that during their removal to new quarters all orders will be shipped with usual promptness.

DRUGGISTS' "DON'TS"

Don't think that time spent in cleaning your store is wasted.

Don't think it too much trouble to show goods—even trifles.

Don't tell a customer that some other soap is as good value as "Baby's Own Soap." If Baby's Own Soap is known to the enquirer such a statement will shake confidence in future ones.

BANQUET OF BAUER & BLACK'S STAFF

For many years it has been customary to hold an annual convention of the entire selling staff of the firm of Messrs. Bauer & Black, Chicago. This was held this year on May 5th and 6th. From all sections of the country trade conditions were reported as very good. The statement of the firm that they would never enter the plaster combine was heartily approved of. After the convention a banquet was held at the Standard Club, which passed off very successfully.

Ontario College of Pharmacy

SEMI-ANNUAL EXAMINATIONS, MAY, 1905

PHARMACY

Examiner—F. R. Curry.
Time allowed, two hours.

Value.

1. Give the Alkaloidal strength of the following :

Ext. Nucis Vomicae, Ext. Nucis Vomicae Liq.
Ungt. Cocaine, Tr. Cinchonae,
Ext. Opii, Ext. Opii Liq.

State briefly how Extract of Ergot is made, and explain for what purpose Diluted Hydrochloric Acid and Sodium Carbonate are used in the process.

12

2. Name the articles entering into the composition of the following :

Ungt. Zinci Oleatis, Rose Water Ointment,
Iodine Ointment, Phenol Ointment.

State how the above are made, noting any special points to be observed, with reasons for the same.

10

3. Define Precipitation and state the objects of the process. How are heavy precipitates obtained. Name five official precipitates obtained through chemical re-action, and specify the articles used in making them.

12

4. What is an Emulsion? Name two official Emulsions. Describe how you would prepare an Emulsion of Cod Liver Oil to contain 50 per cent. by volume of the oil and using Acacia as the Emulsifying Agent. State what proportion of Acacia should be used.

10

5. Give the weight of five fluid ounces of each of the following :

Glycerin, Rectified Spirit;
Mercury, Concentrated Phosphoric Acid
Express the first and second in the metric equivalents.

Give the volume of one pound (AV.) of Purified Ether. S. G. 720.

10

6. Mention how the following should be stored and state how they would be affected by high temperatures, undue exposure to light and the atmosphere :

Volatile Oils; Pot. Carbonate,
Santonin, Diluted Hydrocyanic Acid.

8

7. Name the articles entering into the composition and give the official Latin titles of the following :

Donovan's Solution, Black Wash,
Spirit of Mindererus, Adhesive Plaster,
Gregory's Powder, Labarraque's Solution,
Medicated Waters.

10

8. State briefly how the following are prepared :

Aq. Camphorae, Aq. Menth. Pip.,
Aq. Chloroformi, Aq. Laurocerasi.

Give the strength of the Camphor Water, and the Cherry Laurel Water.

8

9. and 10. Oral and recognition of Specimens.

20

PRESCRIPTIONS

Examiner—J. T. Pepper.
Time allowed, two hours.

Value.

1.

R

*Sodii Salicylati 3*ss**
*Sodii Bicarbonat 3*ss**
*Vini Colchici Sem 3*ss**
*Syrupi Auranti 3*ss**
*Aq. Menthae Pip. ad 3*ss**
*Lr. 3*ss* ex aqua*
4^{ta} quaque hora
Sumenda

M. C.

(a) Write the above prescription in plain English.

20

(b) Write the letters in the abbreviation just before the directions, and also write the uncontracted word in full Latin, and translate it into plain English.

(c) For what Latin word does "4^{ta}" stand, and give its exact English translation.

2. R Salicylic Acid grs. 200
Sodium Bicarbonate grs. 120
Wine Colchici Sem 1 fl. dr.
Syr. Sarsap. Comp 6 fl. drs.
Dist. Water to make 3 fl. ozs
M. ft. Sol.

(a) Between which two ingredients of the above prescription is there an incompatibility?

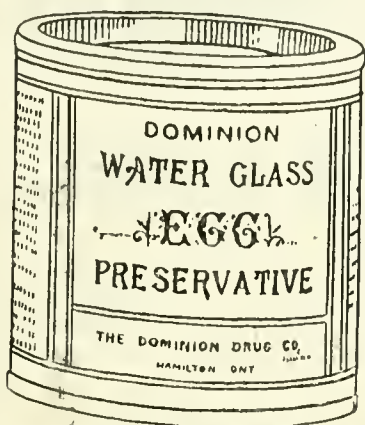
(b) Did the physician desire or intend this to be an incompatibility?

(c) What is the object of this incompatibility?

3. Give the English translation for the following Latin words :

Nox.	Primus.
Durus.	Rubrus.
Wendus.	Libra.
Utendus.	Octarius.
Dies.	Dulcis.
Unus.	

Everything FOR THE Drug Trade



Dominion Egg Preserver

positively preserves Eggs at a cost of **ONE CENT** per dozen. **Water-Glass** has been proven the best and cheapest method of Egg preservation, but the **Water-Glass must be right**. The "**Dominion**" brand has been "tried in the fire of experience" and has proven its superiority.

Specify the **DOMINION** brand and be sure. One tin preserves 12 dozen eggs.

Price, \$1.00 per Dozen. Retails 15c. per tin.

The **DOMINION DRUG CO.**
LIMITED

HAMILTON, ONT.

If you wish repeat orders you must supply and use **reliable** goods. "**ALLEN'S**" products answer this test.

GOLD MEDAL - ST. LOUIS - 1904

ESSENTIAL OILS "ALLEN'S"

ALMOND, CLOVE, CUBEB, SANDALWOOD, Etc.

EXPRESSED OILS "ALLEN'S"

ALMOND, CROTON, STAVESACRE, Etc.

EXTRACTS, RESINS, Etc. "ALLEN'S"

BELLADONNA, CASCARA, DANDELION, NUX VOMICA, Etc.

Stafford Allen & Sons

Distillers of Essential Oils, and Manufacturers
of Pharmaceutical Preparations, Etc.

LTD.

LONDON, E. C., ENGLAND



THE SUPERIOR PHARMACEUTICAL PRODUCTS

OF THE HOUSE OF
WM. R. WARNER & Co.,
PHILADELPHIA,

Are supplied by all the Leading Jobbers in the Dominion of Canada.

Why not avail yourself of the opportunity and specify "Warner and Co." when you order.

WM. R. WARNER & CO.

PHILADELPHIA

Branches : NEW YORK CHICAGO NEW ORLEANS

Lacto=Globulin

A PURE UNSTERILIZED
M I L K A L B U M E N

Transformed into its most easily digested form—A GLOBULIN
The most nourishing, stimulating and easily assimilated food known

Will be Retained by the Most Delicate Stomach, Even After all
Other Foods Have Been Rejected

Readily Prepared, and can be Flavored to Suit any Taste

4 oz. 50c. 12 oz. \$1.00. 40 oz. \$2.00

THE LACTO-GLOBULIN CO., LIMITED
795 Craig Street, Montreal

4. Classify the following poisons into either Part I or Part II of Schedule "A" of the Pharmacy Act: Carbolic Acid, Oil of Cedar, Morphia, Antifebrin, Santonin.

6. Translate into correct English: 6

- Capiat guttas quinque.
- Guttae quinque capiantur.
- Guttae quinque capiendae.
- Pulvis capiatur.
- Capiat pulverem.
- Pulvis capiendus.

6. Give P.B., 1898, doses for the following: 10

Potassii Iodidum Liq. Arsenicalis.
Tinct. Belladonnae Pulv. Ipecac Co.
Ferri et Quin. Cit Hydrarg. Subchlor.
Tincturae Opii. Mist Sennae Co.
Lithii Citras Quininae Sulph.

7. The following directions have been taken from original autograph prescriptions. Write out your translations the same as you would on a label in the drug store.

- 3 ss ter in die ex aqua p. c.
- 5i q. 4. hours.
- 3ii ex. aq. t. i. d. a. c.
- 5i in aq. qq. q. hora.
- Cochl. med. ter. die ex cyath. aq.
- i after D. and T.

(S.9.10.) Oral examination in reading, translating, criticizing, and methods of dispensing, original autograph prescriptions.

DISPENSING

Examiner—Alex. Stewart.

Time allowed, three hours.

Note.—Candidates will dispense the following preparations with neatness, accuracy and despatch, labelling and finishing the medicines as if designed for patients. The order and cleanliness in which the candidate's dispensing desk, with its utensils is left, will be rated.

JOHN ARGO

R Pulveris Aloes.
Pulveris Rhei aa grs. xv.
Olei menthae piperitae gtt. v.
Saponis q.s.
Misce et cum aqua fiat massa, in pilulas decem dividenda. Duae vel tres indies sumendae hora decubitus vel ante cibos.

C. BECKER

R Olei Ricini 40
Olei menthae piperitae 60
Tincturae Opii 2
Pulveris Acaciae 8
Sacchari 8
Aquae ad 120
Cochleare maximum singulis horis vel bihorio, sumendum, donec venter solutus fuerit.

MISS JANE MITCHELL

R Hydrargyri Ammoniatum gr. xx.
Zinci Oxidi 5ss.
Emplast. Plumbi 5j
Paraffini mollis ad. 5j
Misce et fiat unguentum. Bis in dies applicandum urgente prurigne.

MR. WALTER COOK

R Pulveris Opii 0.259 Gm.
Plumbi acetatis 0.518 Gm.
Camphorae 1.04 Gm.
Misceantur bene et divide in capsulas octo. Una capsula bis terve horarum sex intervallo exhibeatur.

ALEX. WHITE

R Magnesii Carbonatis.
Pulveris Carbonas Ligni.....aa 5ss.
Misce. In partes sex dividatur quarum una ter de die exhibenda donec dolor in ventriculo absit.

MATERIA MEDICA

Examiner—J. S. Armitage, Phm. B.

Time allowed, two hours.

Value.

1. (a) Define the following terms: Diaphoretics, Diuretics, Cardiac Stimulants, Alteratives.

(b) In the study of Materia Medica what is meant by the following terms:

Impurities? Natural Order? Constituents? 5

2. Oleum Ricini.

(a) From what obtained? (b) Natural Order? (c) Habitat? (d) Describe, giving different sources of production? (e) Medical properties? (f) Official preparations? (g) Give impurities and how to detect them? 10

3. Name, with doses, the official preparation of:

(a) Virginia Snake Root. (b) Eucalyptus. (c) Foxglove. 7

4. Belladonna.

(a) What part of plant is official?
(b) Describe fully.
(c) Mention two other drugs that resemble it?
(d) Medical properties.
(e) Official preparations. 15

5. Make drawings of the microscopic characteristics of a cross-section of the following roots:

(a) Licorice. (b) Burdock. (c) Senega. 6

6. Aloes.

(a) From what obtained? (b) Habitat?
(c) Natural Order? (d) Name official varieties? (e) State how you would distinguish the different varieties. (f) Describe briefly methods of preparation. (g) Impurities? (h) Principal constituents? 18

7. From what are the following obtained? Give their doses.

(a) Codeine. (b) Cocaine. (c) Apomorphia Hydrochloride. (d) Hyosine Hydrobromide. (e) Atropine. 5

9. Give the full official Latin name and the habitat of:

- (a) Rhatany.
 (b) Bearberry Leaves.
 (c) Soap Bark.
 (d) Red Sanders.
 (e) Logwood.
 (f) Witchhazel Leaves.
 (g) Mandrake. 14
- 9 and 10. Oral examination and recognition of specimens. 20

BOTANY

Examiner—P. Bawden.
 Time allowed, two hours.

1. Describe and properly classify :
 Pome, Loment, Glans, Sorosis, Caryopsis, Silicle. 10
2. State the different ways by which a Monocotyledon may be distinguished from a Dicotyledon, (showing a diagram). 15
3. Give common characters of following :
 (a) Class Gymnospermae ... 5
 (b) Order Gramineae 5
 (c) Series Bryophyta 5 15
4. Sketch Palmately Lobed, Obovate, and Lyrate Leaf, Versatile Stamen, Napiform Root, Compound Umbel. 10
5. Describe manner of reproduction of Claviceps Purpurea. 15
6. Define following terms :
 Perianth, Perigynous, Antheridia, Helicoid, Dichotomy, Involucre, Syngenesions, Oestivation. 15
- 7, 8, 9, 10. Oral Examination. 20

PRACTICAL PHARMACY

Examiner—W. W. Gibson.
 Time allowed, three hours.

1. Prepare and exhibit in a four oz. bottle 100cc Liquor Plumbi Subacetatis Fortis. 40
2. In the sample of commercial Cream of Tartar submitted it has been found to consist entirely of Acid Potassium Tartrate and Calcium Tartrate. Determine the percentage of the former present and state the quantity of Pure Sodium Bicarbonate that 100 grams of this Cream of Tartar will neutralize. 40
3. Sodium Phosphas Effervescens.
 Sodium Phosphate (in Xtals.) 20 grams
 Sodium Bicarbonate 20 grams
 Tartaric Acid 12 grams
 Citric 8 grams

Prepare according to the above formula a granular Effervescent Salt and exhibit the same in a W.M. bottle. 20

PRACTICAL CHEMISTRY

Examiner—A. Moir, Phm. B., M.D.
 Time allowed, three hours.

1. Determine acid in A and B. 15
 15

2. Determine Alkaloid in C. 15
3. Specimen D contains four different bases. What are they? 40
4. Analyse the sample of urine submitted. 15
- NOTE.—All work must be neatly tabulated and equations denoting important reactions given.

THEORETICAL CHEMISTRY

Examiner—M. R. MacFarlane, Phm.B.
 Time allowed, two hours.

Value.

1. What is meant by the "Periodic Law"? Illustrate its significance by references to Group VII. Flourine, Chlorine, Bromine, Iodine. 10
2. Give fully the preparation, properties, and impurities, of Sulphuric Acid. Show by equations that it is a dehydrating agent, an oxidizing agent, and a dibasic acid. 12
3. (a) On analysis a salt yields Iron 28 per cent., Sulphur 24 per cent., Oxygen 48 per cent. Find its formula.
 (b) What volume of Hydrogen Sulphide at 35 degrees C is evolved by dissolving 546 grams of Ferrous Sulphide in Hydrochloric Acid.
 $\text{FeS} + 2 \text{HCl} = \text{FeCl}_2 + \text{H}_2\text{S}$. Fe = 56, S, 32. 10
4. Illustrate by equations :
 (a) The action of heat upon the following : Ammonium Nitrite, Orthophosphoric Acid, Potassium Chlorate, Calcium Acetate.
 (b) The action of Sulphuric Acid on Zinc, Carbon, Ethyl Alcohol, Potassium Bichromate. 16
5. Describe one method of preparation for each of the following : Mercuric Chloride, Potassium Iodide, Nitroglycerin.
6. Describe briefly the Chemistry of Phosphorous under the following heads : Preparation, Allotropic-forms, names and formulae of the most important compounds. 10
7. What are the Paraffins? Give their general formula and explain how the members of the group differ chemically and physically. 10
- 8, 9, 10. Oral. 20

COD LIVER OIL

Peder Devold, Aalesund, cables: "Lofot fishery ended with cod liver oil crops in hectoliters:

Lofot.	Total Norway.
29 April, 1905	11,500 29,300
As against in 1904	3,300 13,000
As against in 1903	625 2,560
As against in 1902	9,600 20,400

The cod liver oil market in 1905 opened in February at \$22 per barrel, f.o.b. Norway, rose in March to \$28 per barrel f.o.b. Norway, and fell in April to \$20 per barrel f.o.b. Norway, which probably is as low a price as cod liver oil will go to during the 1905 season."

UMNEY'S TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

SOLUBLE ESSENCE OF LEMON, LEMON CRYSTALS, &c.

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA:

MR. J. M. SCHEAK, Carlaw Buildings, Wellington St. W., TORONTO

SURGICAL GAUZES SPECIAL OFFER

WRITE US.

WE CAN CONVINCE YOU.

PLAIN, ABSORBENT, IODOFORM, SUBLIMATE,
CARBOLIZED, BORATED.

Originally manufactured by our own
people under the direct supervision of
SIR JOSEPH LISTER.

UNQUESTIONABLY BEST, INCIDENTALLY CHEAPEST.

The J. STEVENS & SON CO., Limited
145 Wellington St. W., Toronto

ALSO AT LONDON, ENG.,

AND WINNIPEG, MAN.

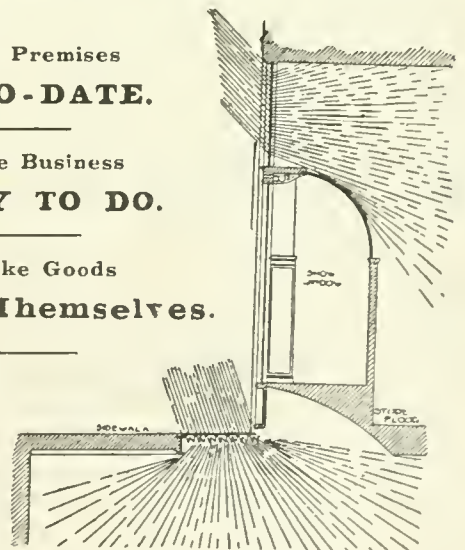
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Make Premises
UP-TO-DATE.

Make Business
EASY TO DO.

Make Goods
Show Themselves.

We supply
Ideas
for these
Improvements

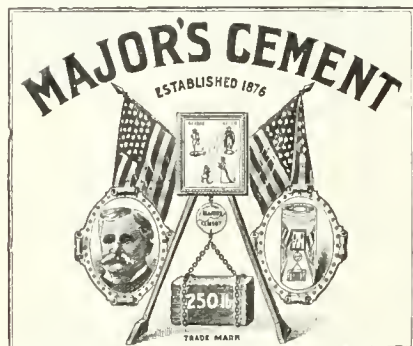


All kinds of Decorative Glass for Store Fronts & Interiors.

LUXFER PRISM Co., Ltd.,
100 King Street West, Toronto.

You'll Miss a Sale

If you don't carry



It is being advertised extensively and your customers will want it. A thing you can recommend

Three Varieties

CHINA—RUBBER—LEATHER

ALPHONSE MAJOR

461 Pearl Street, N.Y. City.

D. WATSON & CO., Montreal, Agents for Canada

A CHEMICAL TRIUMPH

"JAPANESE"

BRAND

WRITING INKS AND MUCILAGE

ARE A TRIUMPH OF MODERN CHEMISTRY.

THEY'RE PERFECT.

MADE IN CANADA

THE COLONIAL INK CO.,

LIMITED

PETERBORO' - CANADA.

Burnett's Breathlets

You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

Canadian Nervine

—AND—

Canadian Tetterine

are two new preparations that have been prescribed and thoroughly tested by a physician of large practice for many years, also have the editorial endorsement of the Chicago Journal of Health, the American authority on matters of sanitation and hygiene. These editorials were written after the preparations had been chemically examined and prescribed by the editor, who is a physician of large practice. These endorsements should convince any one of the intrinsic medical worth of these preparations.

The two preparations are prepared from our formula by one of the largest chemical establishments in Canada, under the supervision of an expert chemist, thus assuring the exact proportions and correctness in all the details of manufacturing.

The two preparations are put up in metal boxes ornamented in gold and pleasing colors. These boxes are placed in half dozen cartons, and when placed on the show case are by far the most attractive goods ever manufactured in Canada, and what is of more importance they cure and give entire satisfaction to consumers.

The advertisements for these two preparations are electrotyped, and will appear continuously year after year in all papers from Cape Breton to British Columbia. The advertising department is managed by an old and experienced advertiser, and will be most thorough and systematic.

With this assurance every retail druggist will be justified in ordering from his jobber a supply of these goods in even half dozens.

Each half dozen carton is made so as to place in an upright position on show case.

Order the goods, place them where they can be seen, and we will do the rest by systematic and thorough advertising.

Respectfully,

The Merwin Compy.

WINDSOR, ONT.

May 1st, 1905.

Canadian Nervine

From the
Chicago Journal of Health

The American Authority ON MATTERS OF SANITATION AND HYGIENE

Business Office, 417-134 Van Buren St., Chicago

Subscription Rates: \$5 00 per year in U. S.
1£ 2s. in Europe.

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SHOULD PROPRIETARY REMEDIES BE AVOIDED?

An Editorial Report for the Benefit of our Readers.

By James S. Clark, M.D.

People are too prone to go to an extreme, too prone to get hold of a half truth and pursue it to an illogical conclusion. Upon the subject of proprietary medicines the extremists, as usual, are about as far wrong as one could possibly be, although each of the opposite classes is widely wrong in a different direction.

The self-blinded optimist eagerly seizes every new proprietary remedy, and in spite of the fact that scores of nostrums are compounded by the unskilled and exploited by the unscrupulous, believes implicitly in every claim, no matter how absurd, being ever ready to test the merits of each new "cure-all," on either himself or upon his unfortunate family; while upon the other hand, the equally unreasonable extremist in the other direction, being pessimistically inclined, denies the potency of every advertised remedy and indiscriminately condemns all the preparations he mistakenly characterizes as "patent medicines," thereby denying himself the unquestionable benefits conferred by the worthy proprietary compound.

The position taken by The Chicago Journal of Health upon this subject is commended to the attention of every intelligent reader. Although we well know that most proprietary remedies are either worthless or inimical to health, we are equally sure that occasionally a medicine of this character is competently compounded and possesses genuine merit, in which case we never hesitate to call attention to its value in as strong terms as the worthless nostrums were condemned.

These conditions prevail in the present instance, the illustration being afforded by the remedy specialized as Canadian Nervine, compounded by The Merwin Co., of Windsor, Ontario, Dominion of

Canada. Of this specific it can truthfully be said: it brings relief and cure when all else fails. To any one suffering from weak or diseased nerves this preparation comes as the spring comes when the earth is weary of the reign of the Ice King. It is at once a hope and a benediction. It is as harmless to the system as the breezes which stir the Canadian woodland in the summer time, and as beneficial as rain to the parched earth in seasons of drought. It is composed of ingredients extracted from the gums, roots and barks found only in Canada and extracted by chemical science compounded according to the prescription of a noted physician who devoted a lifetime to the study of the diseases that this Canadian Nervine never fails to cure.

Statistics show that two-thirds of the human family suffer from complaints which have their origin in the nerves. To effect a cure in any of these cases, the root of the disease must be reached, and this can only be done through Canadian Nervine. This celebrated remedy is particularly efficacious in conditions arising from excessive use of opium, morphine, tobacco, alcohol, and narcotics and stimulants. There is no longer any need of going to hospitals and sanitariums for treatment for these afflictions. They can all be cured at home, and with no detention from business by simply using Canadian Nervine. When it is remembered that this peerless specific can be procured for a trifling sum, and that one box often cures, there certainly remains no earthly reason why this certain relief should not be embraced by every nerve sufferer on God's green earth. If your druggist cannot supply you with Canadian Nervine send for a trial box to the company direct and you will promptly receive what cannot fail to relieve you of any nerve malady, it matters not of how long standing. With the origin of a remedy or the methods employed in placing it before the public we have no concern; it makes no difference whether a prescription of a "regular" physician or a medicine of a proprietary nature accomplishes desirable results—each is alike praiseworthy. The only question that may, legitimately, be asked is: "Will it cure?" and in the case of Canadian Nervine this question has been so frequently and so emphatically answered in the affirmative that there can no longer exist a doubt as to its effectiveness.

Having made a painstaking and impartial examination of its record, it has demonstrated this fact to our full satisfaction, we have no hesitation in commending it to our readers and cheerfully bestow upon it the unqualified editorial endorsement of The Chicago Journal of Health.

WHAT HAS BEEN ACCOMPLISHED IN A SHORT TWELVE MONTHS

On the nineteenth of April, 1904, Toronto was swept by the disastrous fire that transformed the wholesale district into a smoking waste. The desolation of that great area, where formerly warehouses and factories stood, is indescribable. Plants, which had taken the care and energy of a lifetime to develop, were wiped out in a night. Among those who suffered was W. J. Gage & Co., Limited. The entire plant, stock and machinery was totally destroyed in that great disaster.

It is interesting to note the position of this firm one year after the fire.

On the site where twelve months ago there was nothing of the old warehouse and factory but a heap of smouldering bricks and mortar, a new structure has arisen far surpassing the building whose place it takes.

The new warehouse, situated at 54 to 58 Front street west, is a seven-storey building of pressed brick and steel, with a handsome cut-stone front. It has a floor space of 90,000 square feet, and is provided with three freight and one passenger elevators. This building, which is shown in our illustration, will contain the offices and sample rooms of the firm.

In addition to this warehouse, which in itself greatly exceeds in size the old premises, this firm

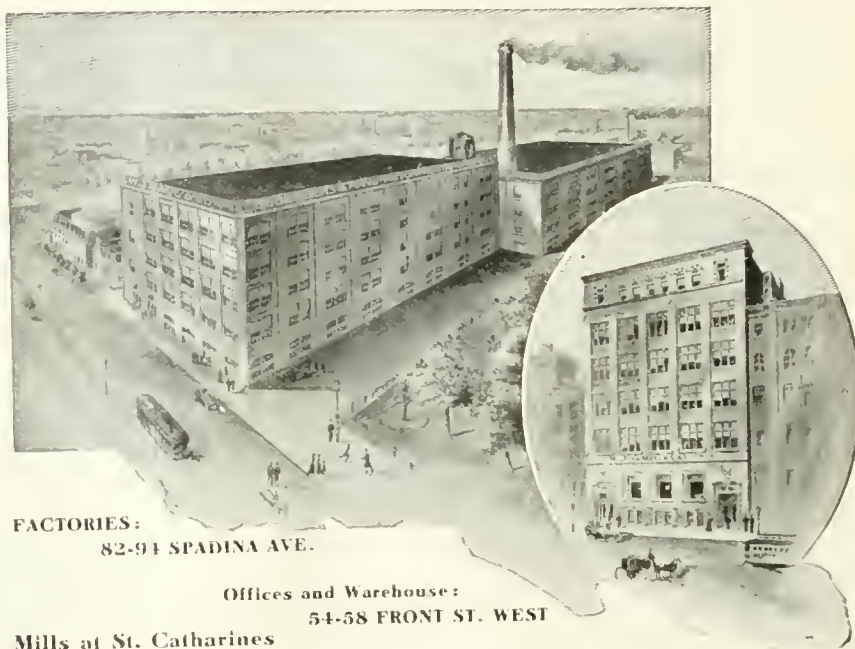


has erected at 82-94 Spadina avenue a new factory, which is all that modern ideas could make it. It is a five-storey structure of stone and

brick, is of mill construction and practically fire-proof. Its four elevators are enclosed with fire-proof walls. It has the enormous floor space of 120,000 square feet, or over $2\frac{3}{4}$ acres.

With the facilities which this modern establishment provides, W. J. Gage & Co. will be enabled to handle their business to much greater advantage than has ever been possible before. Every operation possible is done by labor-saving machinery. The printing, binding, folding, ruling machines, etc., are all of the latest and most approved types.

All these have their part in the bigger organism which daily turns raw material into finished



Factories:
82-94 SPADINA AVE.

Offices and Warehouse:
54-58 FRONT ST. WEST

Mills at St. Catharines

product in vast quantities of school books, envelopes by the million in all grades, useful and aesthetic stationery, blank books, etc., indeed, all that wide variety of manufactured stationery and school supplies for which this firm is so justly celebrated.

The most recent and far-reaching step in the progress of this firm was recently taken when a controlling interest was secured in the Kinleith Paper Mills, St. Catharines. The daily consumption of paper by the Gage Co. is equal to half the product of a large mill. By securing control of the "Kinleith," W. J. Gage & Co. have satisfactorily rounded out their business.

With a paper mill of such magnitude, a warehouse of the most modern type, a factory unexcelled on the continent, and a corps of salesmen scattered over the entire Dominion, the W. J. Gage & Co. are truly in a position to turn out "Made in Canada" goods equal to the best in quality and value. In having attained this point in a brief 12 months, they have certainly accomplished an herculean task.

British Columbia Pharmaceutical Examinations

The semi-annual examinations of the British Columbia Pharmaceutical Association were held in Vancouver, on April 5th and 6th. The following gentlemen were successful at the respective examinations:

Preliminary examination, Latin—Messrs. W. T. Broderick and W. May Smith.

Minor examination—Mr. G. B. Merryfield.

Major examination—Messrs. W. J. Robertson and F. Armstrong.

The following graduates of the Ontario College of Pharmacy were granted registration as Licentiates of Pharmacy: Messrs. W. B. Hunter, A. Reeves, D. Nairn, R. W. Chambers, G. H. Edenison, and W. A. Thrasher.

The papers set at the senior or major examination were as follows:

MATERIA MEDICA

Examiner—F. C. Stearman, Phm.B.

Time allowed, 2 hours.

I. (a) Name at least 15 B.P. official preparations made from opium, giving accurate strength. (b) Also name the most important alkaloids, giving per cent. of same. (c) What is an alkaloid? Value.

II. (a) Give the source of aloin. (b) Santonine. (c) Quinine. (d) Salicine. (e) Goa powder. (f) Benzoic acid. (g) Cinchonidine (h) and gallic acid. (i) Give the full plant name in each case of drug. 10

III. (a) Saffron. (b) Describe briefly. (c) Give plant name and source. (d) Name a common adulterant and at least 5 varieties. (e) To procure 2 lbs. good Spanish saffron give an approximate number of flowers collected. 10

IV. (a) Give in a tabular form the official and common name. (b) Habitat. (c) Part used and medical properties of. (d) *Triticum repens*. (e) Rhatany. (f) Chittam bark. (g) St. Ignatius bean and mandrake. 10

V. (a) Define balsams. (b) How many are official in the B.P.? (c) Detect some common adulterations in balsam tolu and copaiba, and give plant name of each official.

VI. (a) Describe fully the production of almond oil. (b) What is the per cent. of oil obtained? (c) How would you distinguish between almond oil and olive oil? (d) Differentiate between sweet and bitter almond oil, and give medical properties. 10

VII. (a) Write full materia medica notes on (b) manna and kino.

VIII. (a) Name at least 3 different classifications of drugs that starches are obtained

from, and draw diagrams of arrowroot and tumeric grains. 10

IX. Gossypium root. (a) Give plant name. (b) Source. (c) Description of the bark. (d) Medical properties. (e) Define the following therapeutic terms: (f) Emmenagogues and ec-bolies, and give at least 3 B.P. official drugs under each head, with maximum and minimum doses. 10

X. Oral. 10

BOTANY

Examiner—F. C. Stearman, Phm.B.

Time allowed, 2 hours.

Value.

I. Phyllotaxy. (a) Define fully. (b) Name the principal divisions, with drawings of each and define. 10

II. (a) What are tendrils? (b) Describe briefly, and give a sample. 10

III. Define the following terms: (a) sepals, (b) corolla, (c) fascicle, (d) symmetrical flower, (e) head, (f) corymb, (g) spike and endosmosis. 15

IV. (a) What are the characteristics of the leguminisae family? (b) Name 4 official B.P. drugs coming under this head with full Latin name. 10

V. (a) Write full notes on the reproduction of *Claviceps purpurea*. 10

VI. (a) Under what head would you classify the following: (b) onion, (c) turnip, (d) potato, (e) calamus. (d) Draw diagrams of each and define fully. 15

VII. (a) Sketch and define the following: (b) Loment, (c) fistula, (d) reduplicate aestivation, (e) reniform leaf. 10

VIII. (a) Write short notes on fibro vascular bundles. (b) What species of plants are they more abundantly found in? 10

IX. (a) What elements are taken up by the root? (b) In what form are they absorbed? (c) Give botanical name of the following and source: (d) Indian tobacco, (e) foxglove, (f) prickly ash fruit, (g) rhubarb root, (h) May apple and *santonica*. 10

PHARMACY

Examiner—H. H. Watson.

Time allowed, 2 hours.

(1) What is specific gravity? What is the general rule for taking specific gravity? How would you take the S.G. of a body soluble in, but heavier than water?

(2) Write a short article on the metric system.

(3) Write a short article on the serums used in medicine.

(4) Describe the following terms: Precipitation, crystallization, dialysis, maceration, and sublimation.

- (5) Describe the hydrometer and the barometer.
- (6) Write about the use of heat in pharmacy.
- (7) What preparations of lithia are official? What is your idea of the therapeutical value of the drug?
- (8) Write about volatile and fixed oils. Give three of each kind, official, used in pharmacy, dose properties, etc.
- (9) Write a paragraph on pharmaceutical testing.
- (10) Give a list of the official drugs containing alkaloids, stating alkaloid. (Tabulate your answer).
- (11). Give a list of the official animal products.
- (12) How would you prepare an emulsion, a pill, a tincture, an extract, and an ointment?
- (13) Write a paragraph on glycerine.
- (14) What are the ingredients in tinct. nux vom., gent. Co., mist. senna Co., pulv. ipec. Co., and tinct. morph. et chloroform?

CHEMISTRY

Examiner—H. H. Watson.

Time allowed, 2 hours.

- (1) Write a short article on the atonic theory. Give two laws relating to chemical combination.
- (2) Describe the source, mode of preparation, chief uses of and test for iodine.
- (3) Describe the preparation of iodide of potassium. How much iodide of potassium will a hundred pounds of iodine yield?
- (4) Give the preparation of boracic acid. Give the chemistry of carbonic acid and per-oxide of hydrogen.
- (5) Prepare cyanide of potassium, bicarbonate soda and nitrate silver.
- (6) In what state does mercury exist in gray powder? State the relation of mercurous to mercuric salts. Show how much mercury it would take to make 100 pounds of calomel.
- (7) What is the formula of nitrate of amyl and how is it prepared?

DISPENSING

Examiner—John Cochrane.

Candidates will dispense, label and wrap these prescriptions as if they were intended for patients. Neatness, cleanliness and despatch will be rated.

Wm. B. Hume.

1. R. Ol. Morrhuæ..... $\bar{5}$ iv.
 Syr. Simplic..... $\bar{5}$ ss.
 Creosoti Min. xx.
 P. Acaciae q.s.
 Aq. Cinnam.....q.s. ad. $\bar{5}$ viii.

M. Ft. Emuls.

Sig. Coch. ampl. bis ind. ex poculo
lactis sumend.

H.B.—M.D.

Mrs. S. T. Ward.

2. R. Sulphur, Subl..... $\bar{5}$ iss.
 Beta-Naphthol $\bar{5}$ i.
 Camphoræ $\bar{5}$ i
 Ung. Picis Liq.....
 Paraffin. Moll. aa $\bar{5}$ i
 M. Ft. Ung.
 Sig. Applic. indies hor. som. per hebdomadam.

D.T.H.—M.D.

Henry T. Small.

3. R. Ferri Redact..... $\bar{5}$ ss.
 Quin. Sulph. $\bar{5}$ i.
 Ac. Arseniosi gr. i.
 Ext. Gentian..... $\bar{5}$ ss
 Fiat mass. in pilulas viginti dividenda
 Sig. Sumat aeger pilulam unam, pro
dosi, mane ac nocte.

G.A.F.—M.D.

J. A. Stanley.

4. R. Ac. Tannic.....gr. iv.
 Pulv. Opii.....gr. i.
 Ol. Theobromat. q.s.
 Fiat Suppos. Mitte talia quatuor.
 Sig. Unum more diet. de d. in d. utend.

R.P.M.—M.D.

Miss Maud Adams.

5. R. Pepsin (Scale)
 Pulv. Rhei
 P. Carbo Liq.....aa $\bar{5}$ ss.
 Mag. Carb. $\bar{5}$ ii.
 Misce. Div. in chartulas duodecim.
 Sig. Cap. unam secunda vel tertia
quaque hora.

T.C.S.—M.D.

PRESCRIPTIONS

Examiner—John Cochrane.

1. Extend into full Latin and give English translation of:—

- R. Sod. Tart..... $\bar{5}$ iss.
 Pulv. Rhei..... $\bar{5}$ ii.
 Tinct. Zingib.....gtt.xv.
 Syr. Comm..... $\bar{5}$ ss.
 Aq. Mentli. Pip. q s. ut. ft. $\bar{5}$ xii.
 Ft. Mist. Cujus cap. aeger coch. iii.
 magn. secunda quaque hora donec
alvus purgetur. Phiala agitata.

2. Write out the above prescription in the metric system of weights and measures, giving the equivalents of the quantities used. Indicate in grammes the amount of sod. tart. in each dose.

3. Define the following terms as applied to remedies and give the names of two remedies in each class: Caustics, myotics, dessiccants, styptics, hypnotics, diuretics, sudorifics, vesicants, antipyretics, ecbolics.

4. How would you prepare:—

- (a) R. Ferri Sulph. gr. xxv.
 Myrrhae
 Sacch. Alb.....aa $\bar{5}$ i.
 Potass. Carb..... $\bar{5}$ ss.
 Spts. Myrist. Min. l.
 Aquae Rosae $\bar{5}$ x.
 Ft. Mist.

COATE & CO., THE LONDON AXMINSTER, ENGLAND

BRUSH WORKS,
Established 1846

Specialists—Tooth, Nail and Hair Brush Manufacturers
AND PATENTEES OF THE WHITE ENAMELLED TOOTH BRUSHES

N B.—A Large Stock of Finished Tooth Brushes, Nail Brushes, Hair Brushes, &c., kept ready for Merchants' Shipping Orders. A trial order solicited. Illustrated Price List sent Free on application.

THE CANADIAN COLLEGE OF OPTICS.

OUR CORRESPONDENCE

has been such a success that would like you to know what those any time. The same diploma is given correspondence

W. E. HAMILL, M.D., Oculist



COURSE IN OPTICS

who have taken it have to say. Correspondence Course can begin students as class room students. Write for full particulars to

Janes Building, TORONTO

Seven Months' Experience.



22 Bay St.
April 19th, 1904



449 to 457 King St. West
November 19th, 1904



22 Bay St.
April 20th, 1904

The Toronto Pharmacal Co.
LIMITED

ROUGH ON RATS

TRADE MARK



UNBEATABLE RAT EXTERMINATOR.
Established and safely used 30 years. The standard Rat, Mouse, Cockroach and Bed Bug Exterminator of the World. The most extensively advertised and the largest sale of any Exterminator on earth. Gives universal satisfaction everywhere.

Rough on Roaches and Ants
Non-Poisonous—15c, \$1.20 doz; 25c, \$2.00 doz

Rough on Fleas Powder, 25c, \$2.00 doz
Liquid, 25c, \$2.00 doz
The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

Rough on Bed Bugs Liquid, 15 & 25c
\$1.20 & \$2.00 doz

Rough on Moth and Beetle 2 lb. cans
35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, \$36 gross, and over 10 per cent. discount and freight paid. For cash with order 2½ per cent. may be deducted.
E. S. WELLS, CHEMIST, JERSEY CITY, N. J.

"THE KINDS THAT SELL"



PLANTEN'S CELEBRATED C & C BLACK CAPSULES

Worth-While Profits to the Retailer

PLANTEN'S CAPSULES AND PERLOIDS OF SANDALOIL

H. PLANTEN & SON (Established 1836) NEW YORK
"Pioneer American Capsule House"
WILL REMOVE May 1905 to NEW FACTORY
93-95 Henry St., BROOKLYN, N. Y.

GLASS BOTTLES

Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green, Poison and all kinds of Bottles used in the Druggist and Allied Trades. Special Moulds made.

J. A. CURLE, LTD.

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

ATTENTION!

Advertising Physicians, Druggists, Opticians, Dentists, Veterinarians, Hygienists, Physical Culturists, Pure-Food Promoters, Sanitary Clothing Dealers, All Manner of Medical Lecturers, Patent or Proprietary Medicine Firms and Mail Order Remedy People.

I am a techno-literary purveyor of medical publicity matter—a specialist in medical **ADVERTISEMENT WRITING.**

Cards, letterheads, "write-ups," "prints," lectures, circulars, pamphlets, books of any size, designed, written, illustrated. Will also revise, correct, edit; make presentable, artistic, scientific and "fetching" the work of authors or of other advertisement writers who lack technical knowledge or training for any branch of the medical advertising art. Exclusively medical work. My mission is to bring business to

MEDICAL AND MEDICINE MEN.

If you are a medical or medicine advertiser and wish to secure correctly constructed publicity matter that will create a demand for your services or medicaments, I can help you. Any medical print prepared. Will superintend printing and furnish plates if desired. Publicity matter I write will be read.

IN FISHING FOR BUSINESS

Much will depend on the quality and disposal of your lines. If they are not strong enough or of proper texture and color, let me prepare some for you. So long as you play them with a medicine bait, I can do much to assist you to

SECURE A GOOD CATCH.

Send me samples of your present literature and I will suggest improvements. To cut purse strings "ADS MUST HAVE EDGE." If yours are not sharp enough, have an expert grind them for you.

CORRESPONDENCE INVITED.

C. EDSON COVEY, B. Sc., M. D.,
388 E. CHICAGO AVE. CHICAGO, ILL., U.S.A.



EYE-FIX SELLS—EYE-FIX REPEATS.

Success in the drug business comes from handling saleable, meritorious articles that people want, buy and buy again. Such an article is Eye-Fix. It has come to the front on its own merits because it cures, because opticians use it, because physicians recommend it, and because druggists have calls for it. Eye-Fix is the only complete eye treatment on the market; liquid and salve in every package. Retail at 50 cts.

One optician writes: "I have used Eye-Fix and Salve with the very best of results. Had one case of inflamed and swollen eyes on my hands for some time, and was surprised that after a few days using of the Eye-Fix and Salve there was a change for the better, and his eyes are steadily improving."

Another optician writes: "Send me five more regular size packages of Eye-Fix. It is a grand, good medicine, the best I ever saw."

An oculist and optician in Baltimore, Md., writes as follows: "Have used Eye-Fix in my practice, under personal observation, and found it to do all that is claimed for it."

Eye-Fix is sold on the price restriction plan, both jobbers and retailers signing the contract. Druggists and opticians get 50 cts. for Eye-Fix, making 66-⅔ % profit. We are now making a very attractive proposition to retailers. Your jobber will give you full particulars, or write us direct.

THE EYE-FIX REMEDY CO.

Department Q.

DETROIT, MICHIGAN

- (b) R. Sapo. Animal..... $\tilde{5}$ ii.
 Potass. Iodid..... $\tilde{5}$ iss.
 Glycerin..... $\tilde{5}$ i.
 Ol. Simon..... $\tilde{5}$ i.
 Aq. Destill. $\tilde{5}$ x.

M. Ft. Liniment.

5. (a) Extend into full Latin and give English translation of: H. D., dim., guttat., more sol., ejusdem, conging, altern. horis, post aurem, quantum placit., D. in p. aeq.

(b) Give Latin translation for:—An hour and a half; a pill mass; every third day; to-morrow evening; in a pint of water.

6. (a) Name the "incompatibles" respectively of the following: Hydrarg., subchlor., muc. acaciae, plumbi acet. (b) Explain the nature of one incompatibility in the case of each substance named above. (c) State what other kinds of "incompatibility" besides those represented above, there are, if any, and explain them.

7. Write a prescription in the ordinary form for a six ounce mixture, containing in each dessertspoonful maximum doses of mercuric chloride and arsenious acid and fifteen minims of syrup of orange, using the compatible B.P. solution of the first two ingredients and taking peppermint water as a vehicle.

8. Give B.P. dose of: Resin, jalap., aloin, lig. trinitrini, tinct. aconiti, codein phosph., claterium, tinct. iodi, morphi. acet., tinc. valerian.

By subcutaneous injection of: Inj. apomorph. hypoderm.

9 and 10. Oral examination.

INTERNATIONAL ATOMIC WEIGHTS FOR 1905

(From "Journal of the American Chemical Society,"
 Vol. xxvii., No. 1).

	O—16	H—1
Aluminum.....Al	27.1	26.9
Antimony.....Sb	120.2	119.3
Argon.....A	39.9	39.6
Arsenic.....As	75.0	74.4
Barium.....Ba	137.4	136.4
Bismuth.....Bi	208.5	206.9
Boron.....B	11.0	10.9
Bromine.....Br	79.96	79.36
Cadmium.....Cd	112.4	111.6
Cæsium.....Cs	132.9	131.9
Calcium.....Ca	40.1	39.7
Carbon.....C	12.00	11.91
Cerium.....Ce	140.25	139.2
Chlorine.....Cl	35.45	35.18
Chromium.....Cr	52.1	51.7
Cobalt.....Co	59.0	58.55
Columbium.....Cb	94.	93.3
Copper.....Cu	63.6	63.1
Erbium.....Er	166.	164.8
Fluorine.....F	19.	18.9
Gadolinium.....Gd	156.	154.8
Gallium.....Ga	70.	69.5
Germanium.....Ge	72.5	72.
Glucinum.....Gl	9.1	9.03
Gold.....Au	197.2	195.7

	O—16	H—1
Helium.....He	4.	4.
Hydrogen.....H	1.008	1.000
Indium.....In	115.	114.1
Iodine.....I	126.97	126.01
Iridium.....Ir	193.0	191.5
Iron.....Fe	55.9	55.5
Krypton.....Kr	81.8	81.2
Lanthanum.....La	138.9	137.9
Lead.....Pb	206.9	205.35
Lithium.....Li	7.03	6.98
Magnesium.....Mg	24.36	24.18
Manganese.....Mn	55.0	54.6
Mercury.....Hg	200.0	198.5
Molybdenum.....Mo	96.0	95.3
Neodymium.....Nd	143.6	142.5
Neon.....Ne	20.	19.9
Nickel.....Ni	58.7	58.3
Nitrogen.....N	14.04	13.93
Osmium.....Os	191.	189.6
Oxygen.....O	16.00	15.88
Palladium.....Pd	106.5	105.7
Phosphorus.....P	31.0	30.77
Platinum.....Pt	194.8	193.3
Potassium.....K	39.15	38.85
Praseodymium.....Pr	140.5	139.4
Radium.....Ra	225.	223.3
Rhodium.....Rh	103.0	102.2
Rubidium.....Rb	85.5	84.9
Ruthenium.....Ru	101.7	100.9
Samarium.....Sm	150.3	149.2
Scandium.....Sc	44.1	43.8
Selenium.....Se	79.2	78.6
Silicon.....Si	28.4	28.2
Silver.....Ag	107.93	107.11
Sodium.....Na	23.05	22.88
Strontium.....Sr	87.6	86.94
Sulphur.....S	32.06	31.82
Tantalum.....Ta	183.	181.6
Tellurium.....Te	127.6	126.6
Terbium.....Tb	160.	158.8
Thallium.....Tl	204.1	202.6
Thorium.....Th	232.5	230.8
Thulium.....Tm	171.	169.7
Tin.....Sn	119.0	118.1
Titanium.....Ti	48.1	47.7
Tungsten.....W	184.	182.6
Uranium.....U	238.5	236.7
Vanadium.....V	51.2	50.8
Xenon.....Xe	128.	127.
Ytterbium.....Yb	173.0	171.7
Yttrium.....Yt	89.0	88.3
Zinc.....Zn	65.4	64.9
Zirconium.....Zr	90.6	89.9

A NOVEL WINDOW ATTRACTION

The telautograph, an electrical transmitter of handwriting, is now being utilized for show window bulletins. The operator sits at a desk back of the window, out of sight of the public, but so located as to see the crowds on the outside, and the machine records his trade announcements, which are interspersed with jokes and remarks about the watchers, who are highly amused with the show. It is novel and a good ad. while new, for people are strongly attracted by new devices of this kind.

TORONTO DRUG SECTION

The regular meeting of the section was held on Thursday, May 4th, with W. J. Carnahan in the chair and a fair attendance of members present.

Minutes of previous meeting read and adopted.

Mr. Fowler, of New York, representative of Scott & Bowne, addressed the section, announcing the decision of his firm to adopt the Contract Plan of marketing their preparations, and asking the co-operation of the Drug Section in the work.

The Trade Improvement Committee reported the completion of a minimum price schedule for the city. This was followed by a general discussion, and a recommendation to the various districts of the city.

Mr. Flett, for the Committee on Pharmacy, presented a couple of formulas with their products. The committee had been requested by a member to furnish a formula for Elixir Lactated Pepsin with iron, quinine and strychnine, and he submitted the following :

Pepsin (scale 1-3000)	175	grs.
Pancreatin	17½	grs.
Diastase	17½	grs.
Quinine	2	drs.
Sol. strychnine (B.P.)	275	min.
Tinct. citrochloride of iron	4	fl. ozs.
Lactic acid	60	min.
Hydrochloric acid	120	min.
Saccharin	10	grs.
Alcohol (95 per cent.)	2	fl. drs.
Glycerin	5	fl. ozs.
Distilled water	5	fl. ozs.
Talcum	20	grs.
Aromatic elixir, q.s. to	40	fl. ozs.
Mix and filter.		

Mr. Flett remarked, on presenting this, that such requests coming from members afforded the committee the opportunity desired of aiding pharmacy at large. Continuing, he drew attention to the greatly changed conditions regarding formulas; under old conditions men possessing formulas for meritorious preparations guarded them most jealously and withheld their knowledge from fellow pharmacists. To-day formulas and information are freely offered, and members of the profession vie with one another in spreading pharmaceutical knowledge. The Toronto Drug Section had contributed its full quota in bringing about the satisfactory conditions.

Mr. Hargreaves, for the Contract Committee, reported that the amended contract form had been completed by the solicitor and was satisfactory to the committee, and Messrs. H. K. Wanpole & Co. The latter firm would send it out as soon as their schedule of prices was completed.

The following notes on Syrup of Wild Cherry Bark and other Formulas were presented by Mr. Fred. W. Flett at the April meeting of the Drug Section.

IMPROVED METHOD OF MANIPULATION FOR SYRUPUS PRUNI VIRGINIANAE. — B.P.

The advantage of the syrup made after this manner, in my experience, is, that there is no loss to the pharmacist in this climate as a result of fermentation. The syrup itself is of a bright, rich color, characteristic flavor, full aroma and answers all the requirements of the pharmacopoeia. For 20 ounces of syrup proceed as follows :

Virginian prime bark in No. 20	
powder	3 ounces
Refined sugar	15 ounces
Glycerin	1½ fl. oz.
Distilled water—A sufficient quantity.	

Mix the glycerin, 1½ fl. ounces, with 9 fl. ounces of distilled water, as a menstruum, and having moistened the powder sufficiently, let it stand in a closed vessel for 12 hours, then pack it firmly in a percolator and add enough menstruum to saturate the powder and leave a stratum above it; when the liquid begins to drop close the lower orifice, and having closely covered the percolator, macerate for 12 hours. Then allow the percolation to proceed slowly—gradually adding menstruum (in like proportions of glycerin and water) until 10½ fl. ounces of percolate be obtained. In this dissolve the sugar by cold percolation, and pass sufficient distilled water through the percolator to produce 20 fl. ounces of finished syrup.

ELIXIR AURANTII SINE SACCHARUM—Simple Elixir Without Sugar

Tincture of fresh sweetorange	
peel	6 fl. ounces
Alcohol	20 fl. ounces
Glycerin	25 fl. ounces
Distilled water—A sufficient quantity.	

Mix the tincture of orange, alcohol and glycerin together, add 49 fl. ounces of water in several portions, shaking after each addition. Pass through filtering paper sprinkled with precipitated phosphate of calcium, returning the filtrate until clear, and finally pass sufficient water through the filter to make 100 fl. ounces of finished elixir.

ELIXIR GLYCEROPHOSPHATUM COMPOSITUS—Compound Elixir of Glycerophosphates

Calcium glycerophosphate ...	160 grains
Sodium glycerophosphate	80 grains
Potassium glycerophosphate...	80 grains
Magnesium glycerophosphate..	80 grains
Iron glycerophosphate (Scale)	40 grains
Quinine hydrochloride	10 grains
Strychnine hydrochloride	2 grains
Citric acid	30 grains
Gluside	10 grains
Tincture sweet orange peel ...	1 fl. oz.
Alcohol (95 per cent.)	1 fl. oz.
Glycerin	5 fl. oz.
Distilled water—A sufficient quantity.	

Dissolve the glycerophosphates of calcium, sodium, potassium, magnesium, iron, the quinine and strychnine hydrochlorides and citric acid in 10 fluid ounces of boiling distilled water and

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This enthusiastic expression from a pleased buyer, very aptly expresses one's feelings after

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The Stearns' Perfumes

Have always been maintained up to standard, and can be relied upon to retain your trade with satisfaction.

Another point worth remembering is that they are sold by

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You can sometimes find gaudier packages in the Department Stores, but no other brand of Perfume is offered where the quality is so good at the price.

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Busybodies who see in success only falsity, who, without making an effort to inform themselves, blatantly cry offence against honesty and truth—seem to forget that a slur against Dr. Pierce's well-known non-alcoholic family remedies is a slur against the intelligence of thousands of clear-thinking American women who know they have been helped and cured by Dr. Pierce's Favorite Prescription. It is not a "Patent medicine" in the true meaning of the word—it is simply the favorite remedy which Dr. Pierce used in an extended practice for the treatment of the diseases of women.

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A name for honesty and square dealing is better than great riches.

Fraud is a bubble that soon bursts. Dr. R. V. Pierce has always been known to speak the truth—his famous medicines are founded on the rock of public approval and have thousands of truthful testimonials as to their ability to cure diseases for which they are recommended.

True Speaking.

No man ever lost a prospective customer through telling the truth. In the long run

Dr. Pierce believes the truth will prevail and he is therefore not afraid to make public his formula.

Valuable Trade Secrets.

The ingredients of Dr. Pierce's Favorite Prescription is

here given to the public. He vindicates the excellence and harmless character of his "Prescription" by letting the sick and ailing women know just what they are taking when they use this reliable tonic and nerve for the diseases and illnesses peculiarly feminine. These ingredients are combined in just the right proportion to make an efficient remedy without the use of a particle of alcohol.

Non-Alcoholic.

Dr. Pierce's Favorite Prescription combines a non-alcoholic extract from the following medicinal plants scientifically prepared by experienced chemists at the laboratory of the World's Dispensary Medical Association, Buffalo, N.Y.

LADY'S SLIPPER (*Cypripedium Pubescens*)
BLACK COHOSH (*Cimicifuga Racemosa*)
UNICORN ROOT (*Chamaelirium Luteum*)
BLUE COHOSH (*Caulophyllum Thalictrifolium*)
GOLDEN SEAL (*Hydrastis Canadensis*)

R

Nature's Way.

King's American Dispensary says of BLUE COHOSH (*Caulophyllum*): "This remedy is most valuable to relieve irritation of the organs in debilitated patients. It has an established reputation as a remedy for nervous excitement due to those disorders peculiar to women as well as for the relief of pain, with fulness, weight and pain in the legs, debility, crampypains, etc."

"Golden Seal is very useful in catarrhal states of the mucous membranes."

"Black Cohosh or Black Snake-root—Our early American Indians set a high value on in the diseases of women. It is surpassed by no other drug in congestive conditions of the parts where there are dragging pains and tenderness."

Lady's Slipper is "nerve stimulant and tonic, improving both circulation and nutrition of the nerve centres—favoring sleep and cheerful condition of the mind; of service in mental depression, nervous headache, irregularities of women with despondency."

All Women.

Women should know that this "Prescription" promptly heals inflammation and ulceration, stops weakening drains and restores the health and vigor of youth. It fits for wifehood and prepares for motherhood. It banishes morning sickness and other discomforts of ante-maternity. It makes "fresh, vigorous women." Read what one woman out of many thousands has said about the "Favorite Prescription" of Dr. Pierce:

Truth Speaks.

"I suffered for more than seven years with a complicated form of female trouble accompanied with nervous prostration. I wrote to Dr. Pierce, followed his instructions, took Dr. Pierce's Favorite Prescription and now feel grateful to him for my restoration to health. I have, within the past fifteen years, suggested and recommended Dr. Pierce's treatment to hundreds of ladies with grand results," writes Mrs. H. Harrison of 112 West Second Street, Sioux City, Iowa.

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BUFFALO, N.Y.

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when solution is effected add the glycerin. Dissolve the gluside in the tincture of orange and alcohol and add to former solution when cold. Filter through paper sprinkled with talcum and pass sufficient water through the filter to make the finished elixir measure 20 fluid ounces.

Dose : One to two fluid drachms.

Each fluid ounce contains 8 grains calcium glycerophosphate ; 4 grains each of the glycerophosphates of sodium, potassium and magnesium ; 4 grains of glycerophosphate of iron, and $\frac{1}{2}$ grain of quinine, and 1-10 grain strychnine.

PARRAFINUM LIQUIDUM COMPOSITUM Synonym—Albolene Compound

Oil of pinus sylvestris	100 minims
Oil of wintergreen	40 minims
Oil of eucalyptus	40 minims
Thymol	10 grains.
Menthol	40 grains
Liquid paraffin—A sufficient quantity to produce 20 fluid ounces. Mix.	

Each fluid ounce contains 5 minims oil of pinus sylvestris, 2 minims each of the oils of wintergreen and eucalyptus, $\frac{1}{2}$ grain thymol and 2 grains menthol.

Optical Notes

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics, Toronto.

CANADIAN ASSOCIATION OF OPTICIANS

The annual convention of the Canadian Association of Opticians will be held in Montreal, on July 1 next and following days.

The conventions of this Association have always been held in the western cities, especially in Toronto, but through the efforts of Prof. Grant, the Association will go to Montreal this year.

Delegates from all over the Dominion are expected to be present, while several questions of immediate interest to this profession will be discussed.

Legislation, it is said, will be asked from the Government to place the opticians of Canada on an equal footing with other professions.

An effort will also be made to protect the public from peddlers who go about the country selling spectacles.

TOBACCO AMBLYOPIA

In a recent case it was decided (on medical evidence), states the 'British Medical Journal,' that a certain failure of vision occurring in a workman was due to a brick falling on his head, and not, as alleged by his employers, to excessive smoking. The man admitted smoking $1\frac{1}{2}$ oz. of tobacco a week, but this amount was considered insufficient to cause impaired vision. It

must, however, be recognized that no hard-and-fast line can be drawn as to what is the limit of safety. Personal idiosyncrasy plays a large part; each individual who smokes has to find out by personal experience how much he can tolerate. The smoking of cigarettes or of cigars may, equally with the pipe, lead to amblyopia of varying degree, given a suitable subject. Any condition which lowers the general health may be a predisposing cause, but some who are apparently in the best of health are susceptible. Alcoholic indulgence is in many cases a contributing factor, but it is by no means essential. It is a nicotine which, getting into the blood, selects certain nerve fibres (particularly the pupillo-macular fibres in the optic nerves) for its injurious action; and the stronger the tobacco—that is, the higher the percentage of nicotine—the greater will be the amblyopic effect in the susceptible person. Cases have been recorded in which quite small quantities of tobacco, even so little as $\frac{1}{2}$ oz. a week, have been sufficient to cause decided amblyopia.

BOOKS, Etc.

THE SPATULA SODA WATER GUIDE

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KRAMER'S BOOK OF VALUABLE FORMULAS

Recipes, trade secrets, processes, etc., contains valuable information for the manufacturer, jobber and retail dealer. The publishers claim not only originality, but also a practical dealing with the subjects in such a way as to enable any reader to thoroughly understand them. The class of goods which are principally dwelt upon are flavoring extracts, baking powders, jellies, soda fountain syrups, coffee mixing, ciders, mustards and others of a similar nature. 61 pages. Published at \$5.00 per copy, by the Sioux Publishing Co., Sutherland, Iowa.

WEEDS USED IN MEDICINE

By Alice Henkel, assistant in Drug and Medicinal Plant Investigations, etc., U.S. Dept. of Agriculture, Washington, D.C. This bulletin, although primarily of interest to the farmer, contains much information which is of practical benefit to the pharmacist, dealing as it does with some of the ordinary and best known weeds, their collection, preparation for market and other matter of interest.

Photographic Notes

HALATION AND HALATION-FREE PLATES

By Dr. Erbe

When the beginner in photographic art has accomplished the first step, i. e., having learnt to estimate exposure correctly and to manage developing correctly, he soon finds out that his negatives have a number of defects, which he is, in spite of eager endeavors, not able to avoid. Firstly, the tones in the different parts of the pictures do not correspond with the values of light of the differently tinted natural objects, mostly because the beginner does not use an orthochromatic plate; secondly, he finds on all these plates, where very light parts adjoin darker ones, a kind of fog, giving the impression that the effect of light has spread literally upon the negative.

These two defects are due to a well-known failing of the material of the ordinary dry plate. The deficiency of true "color value rendering" or "orthochromatism," as the correct reproduction of the natural values of light has been described, is not so troublesome in the picture, if colors such as blue and yellow do not prevail in the subject. A negative on an ordinary plate can, nevertheless, be useful, without reproducing the natural values of light of the subject. Entirely different is, however, the unpleasant halo which sometimes renders a negative completely valueless. A clear vista in a forest scene will give no sharp bordering to all the trees, but still give an image which one cannot do better than destroy.

The opening of a cleft in the mountains will, under the same circumstances, never possess clear outlines; the light through trees will be surrounded by a halo. In short, such pictures, which just for their contrasts stimulate to photography, must lead, when produced on ordinary dry plates to bitter disappointment.

Under these circumstances one should be quite clear as to the causes by which a defect of this kind arises, which is simply described as halation. The new "Jahrbuch für Photographie und Reproduktionstechnik" (Year Book for Photography and Reproduction Technics), 1904, which is published in Germany, gives a resume on this subject from which we should like to quote. According to descriptions in this work, halation has not less than six different causes. The reflection of light from the back of the support of the sensitive film, in most cases glass, is the most important cause. As is well known the photographic action upon a dry plate in the camera is accomplished by the rays from the object touching the sensitive layer of the plate.

They change the silver haloids, which are in this layer, so that it is later on capable of being developed. The rays will not, however, be completely absorbed; they penetrate the layer and pass through the glass, from the back plane, of which they will again be reflected, and so touch for the second time the sensitive layer in another place than formerly and from behind. Thereby arise the unclear edges in the image, called Halation. In the German author's opinion there are three ways of avoiding these defects:

Firstly, one covers a plate with two emulsion layers, of which that in front is highly sensitive, while the back layer is not so sensitive, so that it does not accept any impression of the weaker reflected rays.

Secondly, one covers the back of the plate with a substance which has the same refractive index as glass, so that the light is absorbed into the same and not reflected; this substance is usually either black or red.

Thirdly, one puts between emulsion and glass or celluloid a red-colored layer, which absorbs all the effective rays of light immediately after they have acted on the emulsion. This last way is evidently the best, because it follows absolutely the theoretical conditions. It is the secret of the Isolar Plate, which are invented by the world-renowned Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, and manufactured by them. The Isolar Plates are put upon the market through the Berlin Aniline Works of New York. So that the intermediary red layer, which makes halation through reflection quite impossible, does not interfere with the finished negative, a coloring matter is chosen which is mostly removed from the plate while developing and washing, and completely disappears on the application of an acid fixing bath.

The Isolar Plates should be preferred by photographers in all cases, especially for landscapes and interiors against the light.

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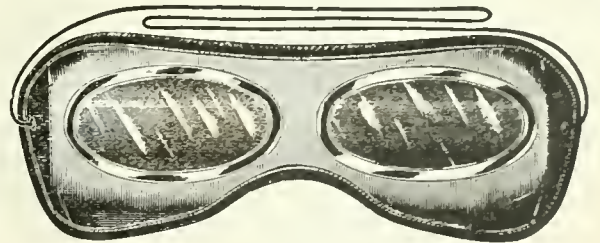
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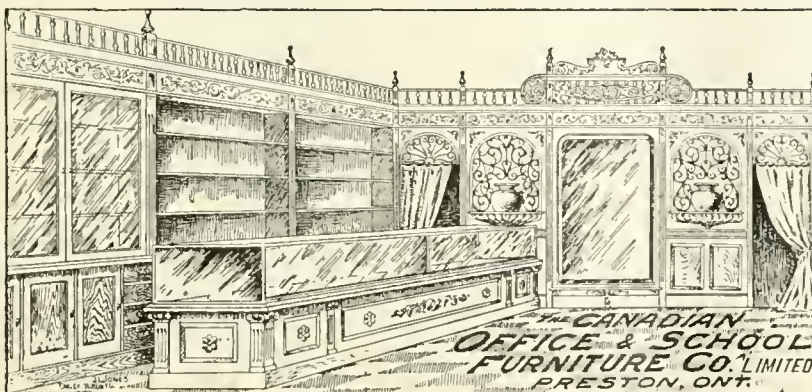
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Drug Report

Business during the past month is reported by retailers as being on the quiet side. There are a number of minor changes in prices—both up and down—for which see our prices current which give absolutely correct values in small quantities.

Quinine, camphor, gum shellac, menthol, oil peppermint, cod liver oil have declined.

Eserine sulphate, cochineal, potass. iodide, golden seal root are higher.

Linseed oil, both boiled and raw, are very much higher and still going up.

Mercurials were reported as being on the decline, but late advices report that quick-silver advanced \$1.00 an iron, which may change the situation.

Carnauba wax. Demand is large and price very high.

Magnesia carb. It is reported that manufacturers have advanced the price sharply. It is claimed that this item has been sold too cheap.

Eserine sulphate is very much higher on account of advance in crude material.

Santonine is higher and may still advance.

Chapoteaut's goods have been advanced by the manufacturer and new prices are as follows:

Apioline capsules	\$ 9.50
Cypridol	10.00
Morrhulol	8.75
Morrhulol and creosote	8.75
Wine peptone	9.50
Santal midy	9.50

T. Milburn & Co., quite unexpectedly both to wholesaler and retailer, have materially advanced the price of their preparations, on account of increased cost of doing business. The changes will likely stir up some trouble in both wholesale and retail circles. In the former because the trade discount has been reduced to 10 per cent., which is less than the cost of doing business, and the price to the retailer has been advanced, which would probably have been satisfactory to the retailer if the goods had been put on the Contract Plan. All their old 25c. articles are now \$2.00 doz. Heart and Nerve and Rheumatic Pills remain the same as before, \$4.00; Fowler's Strawberry, \$3.00; Burdock Bitters, \$8.00.

LAWSUIT ENDED

The lawsuit of January, 1904, O. S. Jervell, Aalesund, Norway, vs. E. P. Hals, New York city, for \$60,000 damages for alleged libel (over the importation of Newfoundland cod liver oil into Norway) was closed 18th October, 1904, without costs to either party.

ATTRACTIVE NOVELTIES IN WALLPAPERS

Stauntons, Limited, Toronto, have now in preparation a very attractive line of new wallpapers which will be shown to the trade in a few days. While the patterns are not yet quite complete, the samples displayed show abundant evidence of that progressive spirit which always animates this firm, and the new lines are bound to become very popular.



A STYLISH STRIPE SHOWN IN SILKS AND TWO TONE TREATMENTS WITH SCALLOPED FESTOON FRINGE, STAUNTON'S LIMITED, TORONTO, ONT.

In the selection of designs the greatest care has been taken to give the widest variety in style so as to furnish a line that will meet all the requirements of the decoration of the day. The colorings have been treated in a novel manner and possess that "snappy" character always found in the Staunton wallpapers.

One of many very effective combinations is shown in the accompanying illustration of a stripe with a festoon frieze cut to a scallop. This border, when used with plain stripes, ingrain papers and small stencil effects in two tone treatments has a highly decorative effect.

Among the patterns are several lines fully equal to the high grade imported goods, the manufacture of which had not hitherto been attempted by any firm in Canada. We may have occasion to refer to these and other lines later on, but enough has been said to show the desirable qualities of the new lines of Staunton wallpapers. This matter is one of great interest to a large number of our readers, many of whom are dealers in wallpapers.

The Toronto Drug Trading Company has purchased the three-storey brick building situated at 8 Ontario street, Toronto, Ontario, and will occupy the premises some time this month as a wholesale drug warehouse. The price paid we are informed was \$12,000.



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W. C. Matthews, General Manager, Canada

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PRICES CURRENT AND INDEX OF NEW REMEDIES.

Prices given below are *actual values* for small quantities ruling in the Canadian Market today. Quotations are subject to change without notice. Physicians must expect to pay an advance on prices reported, since these values are actually charged to the trade, and do not cover expenses of any kind.

ACID ACETIC B.P., lb	\$0 15	ACID Lactic Concent'd, oz.....	\$ 12	ADEPS LANA, Hydrous, lb.....	\$ 40
" Acetic, 99½ per cent. lb.....	45	" Mallic, oz.....	1 20	ADUROL, 25 grammes packets, e ch.....	75
" Acetyl Salic., oz	30	" Meconic, oz.....	2 00	AIROL, oz.....	90
" Arsenious (Arsenic), lb.....	12	" Molybdic, pure, oz.....	25	ALBUMEN, from egg, oz	15
" Benzoic from gum, oz.....	30	" Monochlor, acetic, oz.....	40	ALBUMEN, from blood, oz.....	10
" Benzoic from Toluol, oz	10	" Muriatic, Com'l, lb.....	6	ALCOHOL, gal.....	5 00
" Boracic Crystals, lb.....	12	" Muriatic, C.P., lb.....	20	" Absolute, pint	1 35
" Boracic, Pulv., lb.....	12	" Nitric, Com'l, lb.....	12	" Columbian Spt., gal.....	2 10
" Butyric, oz.....	25	" Nitric, C.P., 1 lb	25	" Methylated, gal.....	2 00
" Cacodylic, 5 grain bot., each	30	" Nitrous, lb.....	30	" Wood, gal.....	1 25
" Camphoric, oz.....	45	" Oleic, oz.....	5	ALDEHYDE, oz.....	20
" Carbolic, 1 lb. bots.....	32	" Osmic 1 gramme tubes, each	3 00	ALMONDS, Bitter, lb.....	50
" Carbolic, 5 lb. tins, lb.....	28	" Oxalic, lb.....	12	ALMOND MEAL, lb.....	50
" Carbolic, 10 lb. tins, lb.....	26	" Oxalic, Pulv., lb	15	ALOIN, oz.....	2 1
" Carbolic, Crude, opt., gal.....	1 50	" Oxalic, C.P., lb	50	ALUM, lb.....	3
" Carbolic, Crude Com'l gal.....	75	" Perchloric, oz.....	35	" Amm-niated, lb.....	35
" Cetraric, 15 grain bot., each	80	" Phosphoric, Concent., 1500, lb.....	45	" Burnt, lb.....	12
" Chloroacetic, oz.....	40	" Phosphoric, Dil., lb	16	" Chrome, lb.....	16
" Chromic, Pure Cryst., oz	12	" Phosphoric, Glacial, oz	10	" Pure, lb.....	25
" " Highly Pure Crys. oz.....	25	" Phosphoric, Syrupy 1750, lb.....	50	" Potash, lb.....	30
" Chrysophanic, oz.....	30	" Picric, lb.....	70	" Pulv. lb.....	4
" Cinnamic, oz.....	50	" Prussic, gs bots., doz.....	1 25	ALUMINIUM, oz.....	25
" Citric, lb.....	50	" Pyrogallic, Merck's, oz.....	30	" Acetate, oz.....	15
" Citric, Pulv., lb.....	52	" Pyrogallic, Schering's, oz.....	32	" Acetotartrate, oz.....	12
" Fluoric, 1 lb. bots., each	1 00	" Pyroligneous, lb.....	7	" Bromide, oz.....	40
" Fluoric, ½ lb. bots., each	60	" Salicylic, lb.....	50	" Chloride, pure, oz.....	25
" Fluoric, ¼ lb. bots., each	15	" Salicylic, natural oz.....	75	" Hydrate, pure, oz	30
" Fluoric, oz.....	10	" Sulphoanilic, oz.....	45	" Nitrate, pure, oz.....	20
" Formic, oz.....	15	" Sulph. Aromat., lb.....	65	" Oxide, pure, oz.....	25
" Gallic, oz.....	12	" Sulph Com'l, lb.....	6	" Salicylate, oz.....	50
" Glycerino phosphoric, oz.....	90	" Sulph C.P., lb.....	20	" Sulphate, pure, oz.....	20
" Hydriodic, oz.....	40	" Sulphurous, lb.....	15	" Tartrate, oz.....	20
" Hydrobromic, lb.....	35	" Stearic, oz.....	35	ALUMNOL, oz.....	40
" Hydro-Silico Fluoric.....	3 10	" Tannic, lb.....	1.00	AMIDOL, oz.....	70
" Hypophosphorus, oz.....	55	" Tartaric, Cryst., lb.....	33	AMMONAL, oz.....	1 50
" Iodic, oz.....	1 00	" Tartaric, Pulv., lb.....	35	AMMONIA, Acetate, oz.....	15
		" Tartaric, C.P., Cryst., lb.....	85	" Arseniate, oz.....	30
		" Tartaric, C.P., Pulv., lb.....	90	" Benzoate, oz.....	20
		" Titanic, one eighth oz. for	25	" Bichromae.....	12
		" Uric, oz.....	60	" Borate, oz.....	20
		" Valerianic, oz.....	35	" Bicarbonate, oz.....	30
		ACETONE, C.P.....	90	" Bromide, lb.....	55
		" Commercial, lb.....	30	" Carbonate, lb.....	14
		ACONIN, 1 gramme, each.....	50	" " C.P. Howds., lb.....	60
		ACONITINE, Pure Amorph., grain.....	40	" " C.P. Mercks., lb.....	50

AMMONIA, Carbonate, Powd., lb.....	\$ 20	ASPARAGIN, $\frac{1}{2}$ oz. each.....	\$ 20	BISMUTH, Salicylate, oz.....	\$ 30
" Fluoride, oz.....	25	A PHALTUM, lb.....	12	" Subgallate, oz.....	30
" Glycerophosphate, oz.....	50	ASPIRIN, oz.....	65	" Subiodide, oz.....	60
" Hydrosulphide, lb.....	30	ATROPIA, Pure, oz.....	7 50	" Subnitrate, lb.....	3 60
" Hydrosulphite, oz.....	25	" Sulphate, $\frac{1}{2}$ lb, each.....	90	" Tannate, oz.....	45
" Hypophosphite, oz.....	40	" Valerianate, $\frac{1}{2}$ each.....	1 60	" Tribromphenol (Nereform).....	90
" Iodide, oz.....	45	ATONYL, oz.....	3 75	" Valerianate, oz.....	55
" Liquor fort, lb.....	12	BAKK, Ash Prickly, lb.....	35	BOLE, Armenia, lb.....	7
" Molybdate, oz.....	25	" Angustura, lb.....	50	BORAX, C.P., Cryst., lb.....	35
" Muriate, Lump, lb.....	14	" Bayberry, lb.....	25	" C.P. Pulv., lb.....	40
" " Gran., lb.....	12	" Canella, lb.....	25	" Cryst., lb.....	6
" " C.P., lb.....	20	" Cascara, lb.....	30	" Pulv., lb.....	6
" Nitrate, com'l, lb.....	40	" Cascarilla, lb.....	30	" Glass, lb.....	40
" " C.P., oz.....	10	" Cherry Black, lb.....	15	BONE DUST, lb.....	10
" Nitrite, oz.....	20	" Coto, lb.....	1 40	BOROGLYCERIDE, oz.....	5
" Oxalate, oz.....	10	" Cotton Root, lb.....	20	BOROGLYCERINE, oz.....	20
" Persulphate, cz.....	15	" Cundurango, lb.....	65	BROMALINE, oz.....	1 25
" Phosphate, extra pure, oz.....	01	" Elm, lb.....	45	BROMINE, oz.....	10
" " Purified, oz.....	75	" Hemlock, lb.....	10	" C.P., oz.....	25
" Picrate, oz.....	25	" Mezereum, lb.....	25	" Chloride, oz.....	50
" Salicylate, oz.....	30	" Peruvian, Red, lb.....	45	BROMIPIN, oz.....	25
" Succinate, oz.....	30	" " Yellow, lb.....	40	BROMOFORM, oz.....	30
" Sulphate, com'l, lb.....	8	" Pomegranate, lb.....	45	BROOMTOPS, lb.....	30
" " Pure, oz.....	10	" Poplar, lb.....	13	BRUCINE, oz.....	1 20
" Sulphide (Solution), lb.....	55	" Sassafras, lb.....	20	" Hydrobromate, oz.....	1 75
" Sulphocarbonate, oz.....	30	" Soap, lb.....	14	" Hydrochlorate, oz.....	1 75
" Sulphocyanide, oz.....	10	" Tamarac, lb.....	15	" Nitrate, oz.....	1 75
" Sulphurated, oz.....	1 25	" Wahoo, lb.....	35	" Sulphate, oz.....	1 75
" Tartrate neutral, oz.....	25	" Witch Hazel.....	15	BUCKTHORN JUICE, lb.....	40
" Thio cyanate, Pure, oz.....	10	" White Pine, lb.....	12	CADMIUM, oz.....	20
" Valerianate, oz.....	35	BALSAM, Canada, lb.....	65	" Bromide, oz.....	20
" Vandate, oz.....	50	" Copaiba, Eng. lb.....	85	" Chloride, oz.....	20
AMYL, Acetate Oxide, oz.....	10	" Copaiba, Amer., lb.....	65	" Iodide, oz.....	45
" Butyrate, oz.....	10	" Peru, oz.....	13	" Nitrate, cz.....	20
" Formate, oz.....	25	" Sulphur, lb.....	30	" Oxide, oz.....	50
" Nitrate, oz.....	25	" Tolu, oz.....	5	" Sulphate, oz.....	20
" Nitrite, oz.....	25	BARIUM, Acetate, oz.....	10	" Sulphide, oz.....	35
" Valerianic, oz.....	30	" Bromide, oz.....	20	CAFFEINE, oz.....	35
AMYLENE, Hydrate, oz.....	60	" Carbonate, Pure, lb.....	40	" Arseniate, $\frac{1}{2}$ oz., ea.....	20
ANARSTHESIN, 25 gran me packages, each	1 50	" " C.P., lb.....	75	" Benzoate, $\frac{1}{2}$ oz., ea.....	20
ANALGEN, 25 grammes for.....	2 00	" Chlorate, oz.....	20	" Citrate, oz.....	25
ANEMONINE, for 1 grain tube.....	20	" Chloride, Com'l, lb.....	20	" Hydrobromate, oz.....	50
ANETHOL, oz.....	80	" " Pure, lb.....	40	" Hydrochlorate, oz.....	35
ANILINE, Pure, oz.....	15	" Hydrate, oz.....	18	" Nitrate, oz.....	1 25
" Chloride, oz.....	35	" Hypophos, oz.....	40	" Salicylate, oz.....	50
" Sulphate, oz.....	40	" Nitrate, oz.....	5	" Sulphate, oz.....	30
ANTHRACIN, oz.....	70	" Oxide Hydrate, Com'l, oz.....	15	" And Soda Benzoate, oz.....	1 00
ANTIFEBRINE, lb.....	40	" " Pure Crystals, oz.....	25	" And Soda Citrate.....	1 00
ANTIKAMNIA, cz.....	1 40	" Peroxide Anhydrous, Pure, oz.....	5	CAFFEINE, and Soda Hydrobromate, oz.....	1 00
" Vest Pocket Box, doz.....	2 00	BARIUM, Peroxide, Com'l, lb.....	50	CAFFEINE, Valerianate, oz.....	80
ANTIMONY, metal, lb.....	40	" Phosphate, oz.....	70	CALAMINE, prepared, lb.....	6
" Pulv. pure, oz.....	12	" Sulph Precip, oz.....	5	CALCIUM, Acetate, oz.....	40
" Pulv. com., lb.....	6	" Sulphide, Pure, oz.....	6	" Arseniate, oz.....	25
" Chloride, oz.....	15	BEANS, Calabar, oz.....	10	" Benzoate, cz.....	25
ANTIMONY Liver (crobus), lb.....	16	" Locust, ground, lb.....	6	" Bromide, ..	20
" Oxysulph (Sulph. Precip.), lb.....	55	" Tonquin Angustura, lb.....	1 60	" Carbide, lb.....	15
" Oxide White (Acid Antimonic), cz.....	25	" " Para, lb.....	6	" Carbonate, Pure.....	30
" Sulphate, oz.....	25	" " Surinam, lb.....	1 10	" " Precip., lb.....	10
" Sulphide (Black) lb.....	50	" " Vanilla, opt, oz.....	6	" " Prepared, lb.....	5
" (Golden), oz.....	12	" " No. 2, oz.....	60	" Chlorate, oz.....	25
" Tart. Pulv. (Tartar Emetic), lb.....	40	BERBERINE, Muriate, oz.....	1 60	" Chloride, Com'l, lb.....	30
ANTINOSIN, oz.....	2 25	" Sulph, oz.....	1 00	" " Pure, oz.....	15
ANTIPIRYNE, Knorr, oz.....	45	BENZANILIDE, oz.....	1 25	" Fluoride, oz.....	30
" Salicate, 25 grammes for.....	50	BENZOLE, lb.....	55	" Glycerophosphate, oz.....	10
" Swiss, oz.....	25	BENZONAL, lb.....	1 25	" Hippurate, $\frac{1}{2}$ oz, ea.....	25
ANTISPOSMINE, 15 gramme bots., each.....	80	BENZOSOL, oz.....	1 00	" Hydrate, Pu e Crystal, oz.....	15
ANTITOXINE, Neuralgic, cz.....	1 15	BERRIES, Buckthorn, lb.....	60	" Hypochlorite, cz.....	10
APIOL, Green, oz.....	65	" Coccus Indicus, lb.....	15	" Hypophos, oz.....	12
APOCODEINE, Hydrochlor, 1 grain bots., each.....	25	" Cubebs, lb.....	20	" Iodate, oz.....	80
APOLYSINE, oz.....	90	" French, lb.....	20	" Iodide, oz.....	60
APOMORPHIA, Muriate, $\frac{1}{2}$ oz for.....	1 20	" Juniber, lb.....	8	" Lactate, cz.....	20
ARBUTIN, Crystals, oz.....	1 50	" Laurel, lb.....	15	" Lactophosphate, oz.....	25
ARECA, Nuts, lb.....	25	" Prickly Ash, lb.....	25	" Nitrate, oz.....	25
" " Pulv., lb.....	35	" Poke, lb.....	20	" Permanganate, cz.....	1 00
ARECOLINE, Hydrobromate, 15 grain bot., each.....	2 50	" Saw Palmetto, lb.....	65	" Phos. Precip., lb.....	20
ARGENTAMINE, oz.....	85	BETOL, oz.....	65	" Phosphate, C.P., oz.....	20
ARGENTUM Crude (Collargolum), oz.....	3 50	BISMAL, oz.....	75	" Phosphide, cz.....	45
ARGONINE, cz.....	90	BISMUTH, Acetate, oz.....	50	" Saccharate, cz.....	25
ARGYROL, oz.....	2 10	" Ammon Cit., oz.....	40	" Salicylate, oz.....	25
ARISTOCHIN (Bayers).....	3 25	" Benzoate, oz.....	50	" Silicate, oz.....	20
ARISTOL (Bayers), oz.....	2 10	" Betanaphthol, oz.....	60	" Sulphate Precip., oz.....	5
ARROWROOT, Bermuda, lb.....	50	" Bromide, oz.....	55	" Sulphide, oz.....	15
" Com., lb.....	20	" Carb, cz.....	30	" Sulphite, oz.....	30
ARSENIC (Metal), cz.....	10	" Citrate, oz.....	50	" Sulphocarb, oz.....	20
" Bromide, oz.....	40	" Lactate, oz.....	1 00	" Tungstate, $\frac{1}{2}$ oz., ea.....	20
" Chloride, oz.....	45	" Liqueur, lb.....	45	CAMPOR, in balls, lb.....	1 05
" Iodide, oz.....	60	" Me al, oz.....	30	" $\frac{1}{2}$ blocks, lb.....	1 05
" Sulphide Red (Realgar), oz.....	12	" Nitrate Crystals, cz.....	30	" cz. blocks, lb.....	1 10
ASAPROL, oz.....	2 00	" Oxalate, oz.....	30	" $\frac{1}{2}$ oz. blocks, lb.....	1 15
ASEPTOL, oz.....	25	" Oxide, oz.....	40	" Powdered, lb.....	1 40
ASHES, Pearl, lb.....	12	" Oxychloride, oz.....	50	CANNABINE TANNATE, 15 grain tubes, ea.....	20
" Pot, lb.....	12	" Oxyiodide, oz.....	10	CANTHARIDES, whole, Chinese, lb.....	1 00
		" Oxynitrate, oz.....	35	" Powder, Chinese, lb.....	1 10
		" Phosphate, oz.....	70	" Whole, Russian, lb.....	1 90

CANTHARIDES, Powder, Russian, lb	\$ 2 00	COPPER, Bromide, oz	\$ 75	EUDOXINE, oz	\$ 2 25
CARBON, Bi sulph, lb	14	" Carbonate, oz	10	EUGENOL, oz	40
" Tetrachloride, oz	05	" Chloride Bi, oz	10	EUMENOL, oz	40
CAROID, powd., oz	1 75	" Cyanide, oz	20	EUMYDRIN, 1 grain tubes, ea	10
CASEINE, oz	25	" Iodide, oz	75	EUONYMIN, oz	90
CASTOREUM, oz	80	" Metal, oz	25	EUPHORIN, oz	1 00
CELLOIDIN Chips, oz	1 00	" Nitrate, oz	12	EUQUININE, 10 gram pckt, ea	1 00
CERIUM, Nitrate, oz	25	" Oxalate, oz	20	EURESOL, 25 " "	1 00
" Oxalate, oz	10	" Oxide, black, oz	20	EUROBIN, 25 " "	1 00
CHALK, French lump, lb	25	" " red, oz	10	EUPHROPHEN, oz	2 15
" French, powd., lb	5	" Oxyacetate, oz	10	EXALGINE, oz	1 25
CHIRETTA, lb	40	" Sulphide, oz	25	EXIDIN TABLETS, 1/2 gramme each	
CHLORALAMID, oz	30	" Sulphate, Coml., lb	08	(Boxes of 10 tablets), box	50
CHLORAL, Ammonia, oz	1 50	" " pure, lb	50	FERRATIN, oz	1 25
" Caffeine, oz	1 50	" Tartrate, oz	15	FERROPYRINE, 25 gram pckt, ea	1 35
" Hydrate, lb	1 00	" Trimings, lb	50	FLOWERS, Arnica, lb	20
" Hydrocyanate, lb	1 60	" Wire, pure, oz	10	" Chamomile, German, lb	30
CHLORALOSE, oz	2 75	COTONIN, True, 5 grain bots, ea	30	" " Roman, lb	30
CHLOROFORM, D. & F. Blue Label, lb	1 00	COWHAGE, oz	75	" Calendula, lb	80
" D. & F. Pure, lb	2 00	CORNATINE, Citrate, 5 grain bots, ea	5 00	" Elder, lb	30
" D. & F. Methyl, lb	1 65	CREOSOTE, B.W., lb	1 35	" Lavender, lb	15
" German, lb	65	" C.P. white, lb	80	" Rose, oz	10
" Lymans, lb	1 25	" Carb., oz	35	FORMALDEHYDE, lb	22
" Smith's, lb	90	" Valerianate, oz	40	FORMALINE, Scherings, lb	65
CHLOROPHYL, for spirits, oz	20	CRESALOL, Para, oz	1 75	" Pastilles, box of 20, ea	30
" for oils, oz	20	CROCUS, Martis, lb	8	" Lamps, Scherings, ea	1 75
" for water, oz	20	CROTON, Chloral, oz	40	" Dusting powder in 1/2, lb	80
CHROMIUM, Acetate, oz	40	CUBEBS, oz	5 00	FORMIN, Merck's, oz	20
" Carbonate, oz	50	CUMARIN, oz	60	FORMOL, lb	55
" Chloride, soluble, oz	60	CUTTLE FISH BONE, lb	30	FLUOR SPAR, powd., lb	12
" Chloride, solution, oz	20	" Powd, lb	40	FLUORESCIN, oz	1 00
" Metal, oz	60	CYSTOGEN, powder, oz	1 00	FLUORESCIN, oz	1 00
" Nitrate, oz	30	" Tablets, oz	1 10	FULLER'S EARTH, lb	8
" Oxide, oz	10	CURARE, with active principle, 1 grain		" Powd	6
" Powdered, oz	30	bot., ea	2 50	GADUOL, oz	40
" Sulphate, oz	50	DATURNINE, pure, 5 grain bot., ea	80	GALENA, oz	5
CHINAPHENIN, oz	1 85	" Hydrochlor., " "	80	GALLANOL, oz	1 25
CHRYSAROBIN, oz	30	" Sulphate, " "	80	GALLICIN, oz	1 25
CINCHONINE, Muriate, oz	30	DECOCT Aloes Co., lb	40	GALLOBROMOL, oz	1 25
" Pure Crystal, oz	40	" Sarsac, lb	40	GALLS, lb	25
" Sulphate, oz	30	DELPHININE, 15 grain bot., ea	1 25	GARLIC, lb	25
" Salicylate, oz	50	DIABETIN, 100 grammes for	2 00	GELANTHUM, 1/2 kilos, ea	85
CINCHONIDIA, Sulph., oz	50	DIAPHATHERINE, oz	75	GELATINE, for Hypodermic use, 100	
CINCHONIDINE, pure Cryst. z	1 00	DIAPENTE, lb	25	grammes, ea	1 00
" Hydrochlor, oz	65	DIASTASE, oz	70	" Coopers, lb	75
" Iodide, oz	80	DIASTINE, oz	2 60	" Cox's, per doz	1 35
" Tannate, oz	50	DIGITALIN, Amorph., grain	4	GELATINE, French, Bronze label, lb	35
CITARIN, oz	1 25	" German, pure, 1/2 oz. bot. for	80	" " Gold " "	55
CITROPHEN, 1/2 oz., ea	25	" Digitone, pure, 5 grain tube, ea	40	" " Red " "	75
COBALT, lb	25	DIGITOXIN, Cryst., 1 grain tubes, ea	1 25	" " Silver " "	40
COBALT, Chloride, oz	30	DIMETHY LAMID AZO-BENZO Pure, oz	1 25	GENTIAN VIOLET, oz	45
" Carbonate, oz	40	DIONIN, 15 grain tube, ea	40	GELSEMIN, oz	2 50
" Nitrate, oz	25	DI THYMOL DI IODIDE, oz	50	GELSEMININE, C.P., 5 grain bot., ea	80
" Oxide, oz	45	DIURETIN, Knoll, oz	1 30	" Hydrobromate, " "	80
" pure, oz	75	" Mercks (Theobromine and Soda		" Hydrochlorate, " "	80
" Sulphate, oz	35	Salicyl) oz	1 10	" Sulphate, " "	80
COCAINE, Alkaloid, oz	8 25	DORMIOL, Solution, 100 gramme bot., ea	1 25	GINGERINE, oz	30
" Carbolate, 15 grain bot., ea	90	DUBOISINE, Sulphate, 2 grain tube, ea	70	GLASS WOOL, oz	1 00
" Muriate, oz	5 50	DULCIN, oz	25	GLUCOSE, lb	6
" Nitrate, oz	11 00	EDINOL, powd., oz	75	GLUTOL, oz	1 00
" Oleate, 5%, oz	75	EIGON, Alpha, 20 gramme bot., ea	1 00	GLYCERINE, lb	22
" Solution, 4% oz	1 00	" and Sodium " "	1 00	" Mercks, lb	60
COCHINEAL, lb	80	" Beta, " "	1 00	" Price's, lb	65
" Pulv., lb	85	EIKONOGON, oz	35	GLYCIN, oz	75
COCOA BUTTER, lb	65	ELATERIUM, 1/8 oz. bot., ea	25	GLYCOLINE, lb	32
CODIEA, Cryst, oz	3 60	ELATERIN, Cryst., 15 grain bot., ea	1 25	GLYOZONE, 1/2 bottles, each	1 00
" Citrate, 1/8 oz., ea	1 60	EMETINE, Alkaloid, 5 grain bot., ea	1 25	GOLD BROMIDE MONO, 5 grain bots, each	90
" Hydrochlor, 1/8 oz., ea	70	" Resinoid, 1/8 oz., ea	1 25	" Bromide Tri, 5 grain bottles, each	75
" Phosphate, 1/8 oz., ea	60	EPICARIN, Veterinary, oz	1 00	" Chloride and Sodium, 15 grain bots,	
" Sulphate, 1/8 oz., ea	6	" Pure, oz	1 10	" doz	3 75
COLCHICIN, C.P. Cryst., 15 grain bot., ea	3 00	ERGOT, lb	85	" " Solution, oz	3 15
COLOCYNTH, Apple, lb	65	" Pulv., lb	1 00	" " Dry, 15 grain bottles, doz	8 00
" Pulv., lb	70	ERGOTINE, Boojean, oz	50	" Cyanide Mono, 5 grain bots, each	1 00
COLLODION, lb	65	ERYTHROL TETRANITRATE TABLETS,		" Tri, 5 grain bottles, each	1 00
" Canthar., oz	12	bots. of 50, ea	2 00	" Oxide, 5 grain bottles, each	75
" Flexible, oz	5	ERYTHROPHLEINE, Hydrochlor., grain	35	GRALIQUINE, oz	1 70
" Styptic, oz	10	ESERINE, C.P., 5 grain bots., ea	1 10	GRAIN S PARADISE, lb	30
COLORING, Brandy, lb	15	" Citrate, " "	75	GUAIACUM RAPID, lb	15
" Cochineal, lb	25	" Hydromate, " "	75	GUAIACOL, oz	40
CONFECT, Aromat., lb	60	" Hydrochlorate, " "	50	" Benzoate, oz	1 25
" Opium, lb	75	" Nitrate, " "	75	" Carbonate, oz	40
" Roses, lb	70	" Pilocarpine, 3 grain tubes, ea	65	" Salicylate, oz	1 60
" Senna, lb	35	" Salicylate, 5 grain tubes, ea	85	" Valerianate, oz	80
" Sulphur, lb	40	" Sulphate, " "	1 10	GUAIACUIN, 25 grammes, each	3 00
CONIINE, Alkaloid, oz	6 40	" Tartrate, " "	75	GUAIALINE, oz	1 65
" Hydrobromate, 15 grain bot., ea	50	ETHER, Sulph., German, lb	50	GUETHOL, oz	1 40
CONVALLAMARINE, 15 grain bot., ea	75	" " Squibbs, 100 grammes, tins		GUARANA Pulv., oz	12
CONVALLARIN, 15 grain bot., ea	75	each	40	GUN COTTON, oz	50
COPPER Acetate pure, oz	10	ETHYLENE, Bromide, oz	60	GUM ALOES Barb, lb	20
" Arseniate, oz	25	ETHYL, Bromide, oz	40	" Ales Barb Pulv., lb	20
" Arsenite, oz	25	" Iodide, oz	75	" Cape, lb	35
" Aluminated, oz	5	EUCAINE, A, 5 gramme tube, ea	75	" Pulv., lb	35
" Ammoniated, oz	10	" B, " "	75	" Socot, lb	50
" Ammonia Sulph., lb	60	EUCALYPTOL, oz	20	" " Pulv., lb	60
" Asbes, lb	35				

GUM, Ammoniac, lb	\$ 50	HYOSCYAMINE, Hydrobromide, 5 gr. tu., ea	\$ 35	IRON, Succinate, oz.	\$ 30
" Arabic S-lect, lb	40	" Hydroiodate, " each	35	" Sulph, Exsic, lb	12
" 2nd S.L., lb	30	" Hydrochlor, " each	35	" " Pure, lb.	10
" " Sorts, lb	20	" Sulph Amorphous, grains	35	" Sulphate, Extra Pure, lb	35
" " Pulv. Op., lb	50	HYPNONE, oz	1 25	" Sulphocarb, oz	20
" " Pulv. Sorts, lb	30	IATROL, oz	1 50	" Sulphocyanide, oz	30
" Assafoetida, lb	55	ICHTHALBIN, oz	1 00	" Sulphuret, lb	16
" " Pulv., lb	60	ICHTHARGAN, 10 gramme pkts., each	1 75	" Taonate, oz	25
" Benzoin, lb	50	ICHTHYFORM, oz	1 40	" Tart and P tash, oz	10
" " Opt., lb	1 00	ICHTHYOL, oz	35	" Valerianate, oz	25
" Catechu Com'l. (Japanica), lb	12	" Sodium, oz	60	" Wire, fine, lb	50
" " Cubes, lb	25	INGLUVIN, oz	1 25	" Sulphide Lumps, lb	20
" " Pulv., lb	30	INSECT POWDER, lb	30	" " Sticks, lb	25
" Copal, lb	90	INCENSE, lb	45	ISINGLASS, American Fish, oz	10
" Damar, lb	40	IODINE Bromide, oz	75	" Brazil, oz	15
" Elemi, lb	65	" Chloride Tri., oz	75	" Russian, oz	40
" Euphorbium, lb	35	" Commercial, oz	40	ITROL, oz	1 75
" " Pulv., lb	45	" Resublimed, oz	45	JALAPIN, oz	75
" Galbanum, lb	1 00	IODOCHLORIDE, oz	80	JALAP RESIN, oz	4 00
" Gamboge, lb	1 35	IODOFORM, Cryst. or Powder, oz	45	IOITHION, oz	1 50
" " Pulv., lb	1 40	" Bitumenized, oz	75	JUICE PAWPAW, oz	1 25
" Guaiacum, Ordina y, lb	45	" Deodorized, oz	60	KAMALA, oz	25
" " Pulv., lb	50	IODOMUTH, oz	1 10	KAOLIN, lb	10
" " Opt., lb	1 00	IODOFORMOGEN, 25 grammes, each	60	KEFIR, fungi, oz	1 00
" Kino, lb	70	IODOL, oz	1 20	KERATIN, Peptonized, oz	3 75
" " Pulv., lb	80	IODOTHYRINE, 5 gramme pkt., each	1 50	KOLA NUTS, lb	40
" Mastic, lb	80	IODOPIN, 100 gramme pkt., each	1 25	KOUSO, oz	10
" Myrrh, lb	50	IODOPHENIN, oz	2 00	KOUSSEIN, oz	6 00
" " Pulv., lb	60	IODOPYRINE, 10 gramme bottles, each	50	KRESSAMINE, oz	1 00
" Olibanum, lb	25	IONONE, grain	5	KRVOFINE, oz	1 10
" Sagapenum, lb	1 00	IRIDIN, oz	2 50	LACTOPHENIN, oz	1 00
" Sindrac, lb	40	IRON Acetate, oz	25	LACTUCARIUM, oz	75
" Sang Draconis, lb	80	" Albuminate Scale, oz	20	LANOLINE, lb	95
" " Pulv., lb	1 40	" " Powd., oz	30	LANTHUM NITRICUM, oz	50
" Scammony, oz	40	" " Saccharated, oz	25	LARD, Benzoated, lb	25
" " Pulv., oz	45	" " Solution, lb	50	LARGIN (5 gramme tubes), each	60
" Seedlac, oz	5	" " Alum, lb	55	LEAD, Acetate, C. P. Cryst., lb	30
" Shellac, Orange, lb	50	" Ammoniated, lb	1 00	" " lb.	12
" " Bleached, lb	50	" Ammon Mur, lb	50	" " Powdered, lb	15
" " Powd., lb	55	" Asenate, oz	15	" Benzoate, oz	25
" Storax, lb	45	" Arsenate, oz	15	" Carbonate, Neutral, lb	50
GUM, Spruce, lb	1 20	" Arsenite, oz	20	" Chloride, Pure, oz	15
" Substitute Yellow Dextrine, lb	10	" Berzoate, oz	25	" Foil, Assay, lb	30
" " White, lb	15	" Bromide, oz	25	" Iodide, oz	40
" Tamarac, lb	28	" by Hydrogen, oz	10	" Monoxide, lb	50
" Thus. (Turpentine), lb	08	" Carb Precip., lb	15	" Nitrate, Pure, oz	10
" Tragacanth, Extra Select, lb	90	" " Sacch., lb	30	" Commercial, lb	25
" " Pulv., lb	1 00	" Chloride (Ferric), oz	10	" Oleate, oz	25
" " 2nd Select, lb	75	" " (Ferrous), oz	12	" Oxide, Black, oz	10
" " 2nd Select Pulv., lb	85	" Chromate (Ferric) oz	30	" " C.P., lb	75
" " Sorts, lb	25	" Citrate, oz	10	" " Red, Pure, lb	50
HARTSHORN SHAVINGS, lb	40	" " Ammonia, lb	65	" Oxalate, oz	20
HAEMATOKYLIN, oz	2 00	" Citrate and Quinine, 4 per cent., oz	15	" Peroxide, oz	30
HAEMOL Arseno, oz	80	" Citrate & Quinine, 10 per cent., oz	18	" Silicate, oz	10
" Bromo, oz	80	" " B.P., oz	20	" Sulphate, C.P., oz	15
" Cupro, oz	80	" " " and Strych., oz	25	" Sulphide, oz	15
" Iodized, oz	1 10	" " " and Strychnine, z	25	" Tannate, oz	25
" Zinc, oz	80	" Dialysed, lb	40	" Tartrate, oz	15
HAEMOGALLOL, oz	80	" Ferrocyanide, Pure, oz	6	" Test, lb	25
HAEMOGLOBIN, oz	1 00	" " Soluble, oz	12	LEAVES, Aconite, lb	15
HAEMOL, oz	80	" Glycerinophosphate, oz	35	" Bay, lb	15
HEDONAL, oz	1 50	" Hypophos, oz	12	" Belladonna, lb	25
HELENIN, 15 grain bottle, each	50	" Iodide, oz	50	" " Powdered, lb	30
HELIOTROPIN, oz	65	" " Saccharated, oz	3	" Buchu, lb	35
HELMITOL, oz	1 00	" Lactate, oz	15	" Chestnut, lb	20
HEMATIN, 15 grs., ea	2 00	" Lactoid, oz	1 00	" Coca, lb	40
HEMATIN, 15 grs., ca	50	" Lactophosphate, oz	20	" Damiana, lb	35
HEROIN, 16 grain tubes, each	35	" Malleate, oz	1 50	" Digitalis, lb	
" Hydrochlor, 16 grain tubes, each	35	" and Manganese Citrate, oz	20	" " Pulverized, lb	25
HOLOCAINE, 1 gramme bottles, each	30	" Ferrous, oz	20	" Eucalyptus, lb	20
" Hydrochlor, 1 gramme bots., each	36	" " Peptonized oz	20	" Henbane, lb	25
HOMATROPINE PURE, 1 grain tube, e ch	45	" " Solution, lb	65	" " Pulv rized, lb	30
" Hydrobromate, 1 grain tube, each	35	" Oxalate, oz	15	" Henne, lb	80
" Salicylate, 1 grain tube, each	50	" " Ferric Scales, oz	25	" Jaborandi, lb	30
" Sulphate, 1 grain tube, each	50	" " and Ammonia	15	" Matico, lb	60
HONEY, lb	14	" " Potassium, oz	25	" Savin, lb	15
HOPS, in packages, lb	35	" Ferrous, oz	20	" Senna, ordinary, lb	16
HYDRASTIA, Wht. Alkaloid, 15 gr. tu., ea	40	" Oxide Commercial, lb	25	" " Opt., lb	20
HYDRASTIN, Keith's, oz	3 50	" Black, oz	25	" " Pulverized, lb	25
" Muriate " oz	4 50	" Brown Pure, lb	65	" Stramony, lb	20
" Sulphate " oz	5 00	" Red Saccharated, lb	50	" " Pulverized, lb	25
" Hydrochlor, 15 grain bottles, each	60	" Peptonized, oz	25	" Uva Ursi, lb	20
" Sulphate, 15 grain bottles, each	55	" Perchloride, oz	5	LEAVULOSE 100 grammes for	75
HYDRASTININE, 15 grain bottles, each	2 00	" Phosphate, oz	10	" Tablets (100 in bottle), bot	1 75
" Hydrochlor, each	1 50	" " lb	75	LEECHES, doz	1 00
HYDRIC, Acetate, oz	25	" Pyrites, lb	25	LENIGALLOL (25 gramme pck.) each	1 00
HYDROQUINONE, oz	25	" Pyrophos and Ammon Cit., lb	80	LENIROBIN (25 gramme pck.), each	1 00
HYDROXYLAMINE Hydrochlor, 1/2 oz., e ch	1 25	" " Soluble Scales, oz	15	LEMON PEEL, lb	20
HYOSCINE Hydrobrom 1 grain tubes, each	35	" Rubigo, lb	15	LEPTANDRIN, oz	50
" Hydrochlor, 1 grain tubes, each	35	" Salicylate, oz	25	LIME, Carbolate, lb	10
" Hydriodate, " each	35	" Sesquichloride, oz	12	" Chloride, bulk, lb	4
" Pure Amorphous " each	35	" Silicate, oz	20	" " 1 lb.	6
" Sulphate, " each	35	" Subsulphate, oz	10	" " 1/2 lb	8
" Pure, 1 grain tubes, each	35				

LIME, Chloride $\frac{1}{4}$ lb	\$ 10	MALAKIN, oz.	\$ 1 50	MYDRINE, 1 grain lots, grain	\$ 60
" free from Sulphur, oz.	5	MALEIN (5 gramme tubes), each	1 25	MYRTOL, oz.	1 50
LINIMENT, Aconite, pt.	1 10	MALTOSE, oz.	90	NAPTHA, Mineral, pt.	30
" Belladonna, pt.	1 10	MANGANESE, Borate, oz.	20	" Wood, pt.	85
" Camph. Co., pt.	75	" Bromide, oz.	60	NAPHTHALINE, C.P. Cryst, oz.	12
" Cantharides, oz.	12	" Carbonate, oz.	25	" C.P., Pulv., oz.	15
" Chloroform, oz.	5	" Chloride, oz.	20	" Balls, lb.	6
" Croton, oz.	10	" Citrate, oz.	40	" Crystals, lb.	7
" Iodine, oz.	12	" Hypophos, oz.	20	" Recryst, Medicinal, oz.	10
" Opil, oz.	5	" Iodide, oz.	1 00	NAPHTHOL, Alpha, Recryst., Medicinal, oz.	25
" Pot. Iodide, oz.	10	" Metal, oz.	30	" Beta, Recryst., Medicinal, oz.	12
" Saponis Co., pt.	50	" Oxide, pure heavy, oz.	15	" Beta, Benzoe, oz.	35
" Sinapis Co., pt.	2 50	" " Commercial, lb.	6	NARCEINE, Pu e Cryst, $\frac{1}{8}$ oz., ea.	1 50
" Terebinth, pt.	50	" " Black, pure, lb.	50	" Hydrochlor, $\frac{1}{8}$ oz., ea.	2 50
" " Acet., pt.	55	" " granular, lb.	10	NARCOPTINE, $\frac{1}{8}$ oz., ea.	40
LIQUORICE, Paste, lb.	25	" Peptonized, oz.	35	NEURODIN, 25 grammes, ea.	2 00
" Powd. Extract, lb.	35	" Peroxide, oz.	15	NICKEL, Metal, oz.	15
" Solazzi, lb.	50	" Phosphate, oz.	30	" Bromide, oz.	25
" Y & S Sticks, 6 to pound, lb.	30	" Phosphate, cz.	15	" Carbonate, oz.	15
" " Acme Pellets, 5 lb tins.	2 00	" Sulphate, oz.	12	" Chloride, oz.	20
LIQUOR, Ammon. Acet., lb.	30	" Sulphite, oz.	40	" Iodide, oz.	85
" " Citras. Fort., lb.	50	MANGANOUS CHLORATE, oz.	45	" Nitrate, oz.	15
" Antim. Perchlor, lb.	17	MANGANOUS Sulphate, z., ...	35	" Oxide, oz.	15
" Arsenici Hydrochlor., lb.	20	MANNA, cz.	10	" Salt, lb.	25
" Arsenicilis, lb.	12	MANNIT, oz.	15	" Sheet, oz.	10
" Atropia Sulph., oz.	20	MEDULLADEN, 25 grammes ea.	4 00	" Sulphate, oz.	40
" Bismuth, lb.	45	MENTHOL, oz.	30	NOSOPHEN, oz.	1 75
" Camphor Co. for B.P. Tincture, lb.	1 30	MENTHOLAL, cz.	20	NUX VOMICA, powd., lb.	18
" Carbo Detergens, lb.	50	MERCAPTOL, oz.	25	NYLANDERS, Reagent, lb.	1 00
" Donovan, lb.	25	MERCURIO-iodo IEMOL, cz.	1 52	OIL, Amber, crude, lb.	40
" Ferri, Actas Fort., lb.	65	MERCUR-THYMOL, Acetate, oz.	75	" rectified, lb.	50
" " Indide, lb.	2 40	MERCURIC, Nitrate, pure, cz.	25	" Amygdal Amara, pure, cz.	60
" " Perchlor Fort., lb.	12	MERCURIOS, Nitrate, oz.	25	" " artificial, oz.	10
" " Pernit, lb.	20	" Sulphate, oz.	20	" " Persic, oz.	45
" " Persulph, lb.	20	MERCURY, lb.	20	" " Dulz, lb.	40
" " Phos., lb.	80	" Acetate, oz.	35	" Angelica, oz.	1 20
" Hydrag Perchlor, lb.	30	" Bichloride (Corrosive Sublimate), lb.	1 00	" Aniline, oz.	10
" " Nit. Acid, lb.	1 00	" " Pulv., lb.	1 25	" Anise, oz.	20
" Plumbi, Actas, lb.	12	" Biiodide, oz.	40	" Apple, oz.	55
" Pota-sac, lb.	15	" Bisulphate, cz.	10	" Banan., oz.	10
" Santal Flav. Co., lb.	1 50	" Bromide, oz.	60	" Bays Green, cz.	5
" Soda Chlor., lb.	15	" With Chalk, oz.	5	" Bay Rum, z.	35
" Soda Ethylate, oz.	25	MERCURY, Chloride and Soda (Calomel) lb.	1 10	" Brandy, see Cognac.	
" Strychnine, lb.	40	" Chlor. Ammon (White Precip.), oz.	10	" Bergamot, oz.	30
" Zinc Chlor., lb.	60	" Cyanide, oz.	60	" Cade, oz.	5
" Acetate, oz.	55	" Gallate, oz.	40	" Cajeput, oz.	12
" Benzoate, oz.	25	" Iod Chloride, oz.	35	" Camphor, cz.	20
" Bromide, oz.	30	" Iodo Viride, oz.	30	" Capsicum, oz.	60
LITHIA, Carbonate, oz.	30	" Nitrate Cryst, cz.	15	" Caraway, oz.	25
" Chlorate, oz.	40	" Nitric Oxide (Red Precip.), lb.	1 10	" Cassia, oz.	15
" Chloride, oz.	40	" O'ate, 10%, oz.	5	" Castor, English 1sts, lb.	12 1/2
" Citrate, oz.	20	" " 20%, oz.	10	" " 2nds, lb.	12
" Glycerinophos, oz.	1 00	" " With Morphia, oz.	20	" " Pharmaceutical, lb.	13 1/2
" Iodide, oz.	75	" " B.P., 1898, oz.	10	" " Italian, lb.	20
" Metal (15 grain bottles), each	1 5	" Oxide Flav., oz.	10	" " French, lb.	15 1/2
" Nitrate, oz.	50	" Oxychloride, oz.	10	" Cedar, pure, lb.	85
" Salicylate, oz.	25	" Oxycyanuret, oz.	55	" Cedar, No. 2, lb.	50
" Tartrate, oz.	75	" Salicylate, cz.	40	" " Wood, lb.	50
LITMUS, Granular, lb.	60	" Sulph. Flav. (Turpeth Mineral), oz.	10	" Cedrat, oz.	00
LITMUS, Cubes, lb.	40	" " With Sulph. (Ethi ops Min'l), oz.	10	" Cedri Ligni for Microscopy, oz.	50
LORETIN (25 grammes), each.	60	" Sulphate bi., oz.	25	" Celery, oz.	1 00
LOSOPHEN (25 grammes), each.	2 00	" Sulphocyanide, oz.	30	" Chaulmoogra, oz.	10
LUPULIN, oz.	10	" Tannate, oz.	25	" Chamomile, oz.	1 50
LYCOPODIUM, lb.	1 25	MESOTAN, oz.	75	" Cinnamon, True, oz.	1 00
LYCETOL, cz.	3 25	METHACETIN, oz.	1 50	" Citronella, Coml, lb.	65
LYSIDINE (25 grammes), each.	2 00	METHYLAL, oz.	1 35	" " Opt., oz.	10
LYSOL, 1 kilo, each.	1 20	METHYLENE, Bichloride, cz.	65	" Cloves, oz.	15
" $\frac{1}{2}$ " each.	65	" Iodide, oz.	2 00	" Cocoa nut, lb.	20
" $\frac{1}{4}$ " each.	35	METOL, oz.	70	" Cod Liver, N.F., g'd.	2 00
" 100 grammes, each.	20	MICROCOSMIC SALTS, oz.	10	" " Norway, g'd.	2 75
MAGNESIUM, Acetate, lb.	10	MIGRAENIN, 25 grammes, ea.	1 50	" Cognac, Green, oz.	1 75
" Borocitrate, oz.	10	MILK SUGAR, lb.	27	" " White, oz.	5 50
" Bromide, oz.	25	MISTURA, Ferri Co., lb.	30	" Cologne, oz.	80
" Carb. (ounces), lb.	20	" Glycophaga Co. (U.S.P.), lb.	50	" Copaiba, oz.	0
" " (ponderous), lb.	35	MORPHIA, Alkaloid, oz.	3 50	" Coriander, oz.	75
" " (powdered), lb.	12	" Acetate, oz.	1 80	" Cotton Seed, gall.	80
" Calcined, lb.	40	" Bromide, oz.	3 50	" Croton, oz.	15
" " (ponderous), lb.	1 00	" Hydrobromate, oz.	3 50	" Cubebs, oz.	15
" Chloride, oz.	5	" Miconate, oz.	3 60	" " Oleo Resto, oz.	25
" Citrate, lb.	30	" Muriate, oz.	1 80	" Cumin, oz.	40
" Glycerophosphate, oz.	50	" Phthalate, oz.	6 00	" Dill, oz.	30
" Hypophosphite, oz.	30	" Sulphate, cz.	1 75	" Erigeron, oz.	20
" Iodide, oz.	80	" Tartrate, oz.	3 50	" Eucalyptus, cz.	10
" Nitrate, oz.	15	" Valeriana'e, oz.	4 50	" Fennel, oz.	20
" Oxide, oz.	10	MOLLIN, $\frac{1}{2}$ kilo tins, ea.	1 00	" Fusel, pt.	80
" Phosphate, oz.	20	MONOCHLOROPHENOL, oz.	60	" Geranii Rose, Opt, cz.	2 00
" Powdered, oz.	40	MORRHUOL, see Gadual.		" " True, cz.	1 50
" Ribbon, oz.	60	Moss, Iceland, lb.	15	" " Turkish, cz.	50
" Salicylate, oz.	30	" Irish, lb.	12	" Gin, oz.	1 00
" Sulphate, C. P. dried, lb.	35	" bleached, lb.	20	" Golden Rod oz.	50
" " Commercial, lb.	3	MULBERRY JUICE, oz.	10	" Goose, lb.	60
" Sulphite, cz.	25	MUSK, Canton, cz.	1 50	" Hemlock, pure, lb.	90
" Sulphocarb., oz.	25	" Pure grain, grain.	10	" " No. 2, lb.	40
" Wire, oz.	60			" Jasmine, oz.	25

OIL			OINTMENTS, Hyd. Nitratls, lb			PLATINUM, Spongy, oz., pieces		
Juniper Berries, oz	\$	12	" " Oxide Flav, lb	\$	35	" and Barium Cyanide, 5 grain bots.,	\$	3 60
" Wood, lb		60	" " Oxide Rub, lb		90	" each		50
" Lavender, English, oz		90	" Iodine, lb		50	" Foil, grain		9
" " Exotic, oz		12	" " Compd, lb		60	" Wire, grain		9
" " French, oz		25	" Iodoform, lb		75	PLUMBAGO, lb		10
" " Garden, oz		5	" Picis, lb		1 00	PODOPHYLLIN, oz		36
" Lemon, Opt., lb	1	25	" Plumbi Acetas, lb		45	POPPY HEADS, per 100	1	00
" " No. 2, lb		90	" " Iodide, lb	1	20	POTASSIUM, Pure, ½ oz., ea		35
" " Grass, oz		20	" Resin, lb		30	" Acetate, lb		40
" Linseed, Boiled, gall		68	" Simplex, lb		40	" " C.P., lb		50
" " Raw, gall		64	" Sulphur, lb		40	" Arsenate, oz		20
" Mace, Essential, oz		15	" " Compound, lb		20	" Arsenite, oz		20
" " E'xpressed, oz		12	" Veratrine, lb	2	00	" Benzoate, oz		30
" Mullein, oz		50	" Zinc Oxide, lb		40	" Bicarb, lb		15
" Malefern, oz		50	OLEOCREOSOTE, oz	1	50	" " Pulv., lb		16
" Magnet, oz		75	OLEO-RESIN Capsicum, oz	1	00	" " C.P., Cryst., lb		40
" Mustard, Artificial, oz		35	" Malefern, oz		25	" Bichromate, lb		12
" " Essential, oz		50	OPIUM, lb	4	25	" " C.P., lb		50
" Myrrbane, lb		20	" Pulv., oz		40	" Bisulphate, lb		50
" Neatsfoot, gall	1	30	ORANGE PEEL	13		" Bisulphite, lb		75
" Neroli, oz	3	00	" Ground	15		" Bitart, Pulv., lb		27
" Nutmegs, oz		25	OREXIN, Basic, oz	3	00	" " C.P., lb		75
" Olive, green, gall	1	75	" Tannate, oz	2	50	" Borate, lb		80
" " yellow, gall	1	50	ORTHOFORM, oz	1	35	" Boro Tar rate, oz		60
" Orange, oz		25	ORTOL, oz	1	00	" Bromide, lb		42
" Origanum, white, oz		10	OVARIN POWDER, oz	3	00	" " C.P., oz		10
" " red, pure, lb		65	OXYMEL SQUILLS, lb	30		" Carbonate, lb		12
" " No. 2, lb		40	OXYSPARTEINE HYDROCHLORATE, 15			" " C.P., lb		50
" Palm, lb		13	grain tube, ea	65		" Caustic, Purif. by Alcohol, lb		85
" Palma Rose, oz		40	PALLADIUM, Chloride Cryst., 1 gramme			" " Pure Sticks, lb		55
" Patchouli, oz	1	00	" Chloride Dry, 15 grain bots, ea	1	00	" Chlorate, lb		14
" Pennyroyal, oz		13	PANANALID, 4 oz. bottle for, ea	1	00	" " Pulv. lb		16
" Pepper, black, oz		65	PANCREATIN, Pure Active, oz	30		" " C.P., lb		40
" " oleo resin, oz	2	50	PAPAIN, Finkler, oz	2	50	" Chloride, lb		30
" Peppermint, American, oz		35	" Mercks, oz	1	00	" Chloroplatinate, 15 grain bots., ea		75
" " English, oz	1	25	PARACETPHNETIDINR, oz	12		" Chromate Yellow, C.P., oz		10
" " Todds, oz		40	PARACHLORALOL, oz	1	00	" Citrate, lb		65
" Petit, gran., oz		75	PARACOTOIN, 15 gr in b ttle, ea	35		" " Eff Bishops, 1 lb. bot., ea	1	0
" Petrolatum, gall	1	50	PARAFORMALDEHYD, oz	30		" and Cobalt Nitrite, oz	1	25
" Phosphorated, oz		10	PARACRESOL, oz	50		" Cyanide, Coml, lb		22
" Pimento, oz		35	PARALDEHYDE, oz	16		" " C.P., lb		30
" Pine needles, oz		20	PELLETIERINE, Sulphate, 15 grain bottle,			" Ferric Cyanide, Pure Cryst., oz		12
" Pinus, pumilion, oz		35	ea	1	65	" Ferri " "		10
" " Sylvestris, oz		15	" Tannate, 15 grain bottle, ea	40		" Ferro " "		10
" Poppy, oz		10	PELLOTINE, Hydrochlor, 5 grain bot., ea	6	25	" Fluoride, Pure, oz		20
" Rangoon, pure, lb		25	PENTAL, 10 gramme b ttle, ea	75		" Glycerophosphate, oz		35
" Rhodii, oz		06	PEPSINE, Boudaults, oz	1	40	POTASSIUM, Hydrogen Sulphide, oz		25
" Rose, No. 2, ½ h, ea		80	" Scale Pure Soluble, lb	4	50	" Hydroxide See Potass. Caustic		
" " virgin, ½ h, ea	1	00	" Pure Soluble Powder, oz	25		" Hypophos, oz		12
" Rosemary, opt., oz		10	PRPTONR, Meat Dry, oz	30		" Iodide, lb	4	60
" " coml. lb		07	PEPPER, Lo'g, lb	40		" " C.P., oz		50
" Rue, oz		20	PETROLATUM, Yellow, lb	12		" And Mercury Iodide, oz		85
" Rum, oz		20	" White, lb	15		" Metabisulphite, oz		10
" Salad, pure, gall	3	00	" Snowwhite, lb	25		" Metantimoniate, oz		10
" " patent, gall		90	PHENACETINE, oz	35		" Nitrate, lb		8
" Santal, opt., oz		35	PHENACID, Powd, oz	1	10	" " C.P., lb		35
" " W.I oz		20	PHENACOLL, Hydrochlorate, 5 grammes,			" Nitrite, oz		12
" " Pear's, oz		40	ea	35		" Oxalate Neutral, lb		30
" " Allen's, oz		35	PHENALGINE, Capsules, oz	1	40	" Perchlorate, oz		10
" Sassafras, lb	1	00	" Powd, oz	1	40	" Permanganate, lb		30
" Sassafras, Artificial, lb		50	" Tablets, oz	1	40	" " Large Crystals, pure, z		10
" Savin, lb		15	PHENAZONE, oz	25		" P'crate, oz		30
" Skunk, lb		60	PHENOL, Bismuth, oz	85		" Phosphate, C.P., oz		12
" Spearmint, oz		50	" Chloride, oz	40		" Prussiate Red, Cryst., lb		75
" Sperm, gal	1	50	PHENOPHTALEIN, ½ oz. for	10		" " Red, Pulv., lb		75
" Spike, Coml., lb		35	PHENOSALYL, oz	25		" " Yellow, Cryst., lb		25
" " Fleur, oz	1	50	PHENYLHYDROXINE, Hydrochlor, oz	50		" " Pulv., lb		30
" Spruce, lb		80	PHLOROGLUCIN, ½ oz, ea	60		" Pyrophosphate, oz		20
" St. Johnswort, lb		50	" Vanillin, ½ oz., ea	20		" Pyrosulphite, See Metabi sulphite		
" Tansy, oz		50	PHOSPHORUS, lb	95		" Salicylate, oz		25
" Tar, lb		10	" Pentachloride, oz	50		" Silicate, lb		25
" " Birch, lb		10	" Pentoxide, oz	60		" And Soda Borotaratrate, oz		20
" Wine, oz		20	" Red, oz	10		" and Soda Tartrate, C.P., Cryst., lb		65
" Wintergreen, oz		25	" Trichloride, oz	55		" Sulphate, Cryst., lb		15
" " Artificial, oz		8	PICROTOXIN, oz	5	00	" " Pulv., lb		20
" Wormseed, oz		25	PILOCARPINE, Alkaloid, 5 grain bot., ea	50		" " for fertilizing, lb		6
" Wormwood, oz		40	" Hydrobromate, 5 grain bottle, ea	50		" " C.P., Cryst., oz		5
" Ylang Ylang, oz	6	50	" Muriate, " "	30		" " C.P., Powd., oz		6
OAKUM, lb		12	" Ni rate, " "	30		" Sulphite, lb		50
OIL CAKE, gr und, lb		2	" Salicylate, " "	50		" Sulphocarb, oz		20
OINTMENTS, Belladonna, lb		60	" Sulphate, " "	50		" Sulphocyanate, oz		15
" Blue, lb		65	" Tannate, " "	1	25	" Sulphocyanide, oz		12
" Boracic Acid, lb		50	" Valerianate, " "	50		" Sulphide, lb		60
" Calamine, lb		40	PIPE CLAY, in squares, lb	6		" Sulphuret, lb		25
" Cantbar, lb		75	PIPERAZINE, ½ oz., ea	50		" Tartrate, lb		70
" Carbolic, b		40	" Tablets, 10 only, 16 grains ea. in	1	25	" Tellurate, 15 grain tub s, ea		75
" Cetaceum, lb		60	tube, tube	1	50	PROPYLAMINE, oz		60
" Conium, lb		80	PIPERINE, oz	1	50	" Chlor., oz		2 50
" Elder Flower, lb	1	00	PITCH, Black, lb	5		PROTARGOL, oz		1 70
" Gallae, lb		35	" Burgundy, lb	10		PROTAN POWDER, oz		50
" " Co., lb		80	PLATINUM, Bichloride, ½ oz. bottle, ea	2	25	PULVIS, Aloes Co., lb		30
" Hyd. Ammon. Chlor., lb		60	" Chloride, ½ oz. bottle, ea	2	25	" Amygdal, lb		60
" " Biiodide, lb		75				" Antimon Co., lb		60
" " Compd, lb	1	25						

PULVIS, Aromatic or Cinnamon Co., lb. \$	75	ROOT, Mandrake, lb. \$	20	SEEDS, Pumpkin, lb. \$	30
" Creta Aromat., lb.	50	" " Gr'd, lb.	22	" Quince, lb.	60
" Camph., lb.	25	" Marshmallow, lb.	40	" Kape, lb.	6
" C Opii, lb.	75	" Orris, lb.	20	" Sabadilla, lb.	30
" For Mistura Creta, lb.	35	" " Pulv., lb.	30	" " Pulv., lb.	35
" Ipecac Co., oz.	10	" Pareira Brava, lb.	20	" Stavesacre, lb.	35
" Jalap Co., oz.	5	" Pleurisy, lb.	20	" " Pulv., lb.	54
" Kino Co., oz.	10	" Pyrethrum, lb.	35	" Stramonium, lb.	30
" Licorice Co., lb.	20	" Rhatany, lb.	50	" Stropanthus, oz.	10
" Opii Co., oz.	10	" Rhei, E.I., lb.	60	" Wormseed, lb.	30
" Rhei Co., lb.	50	" " Pulv., lb.	1 00	SILVER, Bromide, oz.	2 00
" Scammony Co., oz.	30	" " Turkey (so-called), lb.	3 00	" Chloride, oz.	1 00
" Seidlitz, lb.	20	" " " Pulv., lb.	3 10	" Citrate, oz.	2 50
" Tragacanth Co., lb.	45	" Sarsaparilla, Honduras, lb.	50	" Cyanide, oz.	2 00
" Thompson's Composition, lb.	25	" " Mexican, lb.	30	" Iodide, oz.	2 00
PTYALIN, Active, oz.	1 25	" Senega, lb.	1 10	" Nitrate, Cryst., oz.	75
PUTTY POWDER, lb.	60	" Serpentina, lb.	65	" " Fused, oz.	90
PYOKTANNIN, Blue, 10 grammes for.	80	" Snake Root, See Serpentina.		" Oxide, oz.	1 50
" Yellow, 10 grammes for.	80	" Sombul, lb.	40	" Precipitated, oz.	3 50
PYROCATRCHIN, oz.	60	" Spigelia, lb.	35	" Sulphate, oz.	1 50
PYRIDIN, C.P., oz.	25	" Squills, white, lb.	12	" Wire, oz.	6 00
PYRODIN, C.P., oz.	1 60	" " Pulv., lb.	35	SNUFF, Copenhagen, lb.	1 40
PYROGALLOL, Bismuth, oz.	1 35	" Stcne, lb.	20	" Macc, lb.	65
PYROLIGNINE, oz.	1 20	" Tormentilla, lb.	40	" Scotch, lb.	65
PYROZONE, 3%, doz.	5 50	" " Pulv., lb.	60	" " Lorillards, lb.	90
QUASSIA CHIPS, lb.	10	" Valerian, lb.	15	SOAP, Arsenical, lb.	40
QUASSIN, Cryst., C.P., 15 grain bot., ea.	2 25	" Vera'rum Viride, lb.	25	" Barilla Ash, lb.	25
QUINALGEN, oz.	1 60	SACCHARINE, oz.	25	" Castile, Contr'd, lb.	17
QUINAPIHOL, oz.	3 00	SAFFRON, American, oz.	15	" " Shell, lb.	10
QUINIDINE, Pure, Cryst., oz.	1 60	" Spanish, lb.	1 00	" " Pulv., lb.	18
QUINODINE, Pure, Cryst., oz.	30	SAL Acetosella, lb.	70	" Curd, lb.	25
QUININE, Acetate, oz.	85	" Carlsbad Artificial, lb.	15	" Cocoonat, lb.	25
" Alkaloid, oz.	85	" Craborchard, lb.	40	" Soft English, lb.	8
" Arsenate, oz.	85	" Epsom, lb.	3	" Viride, lb.	30
" Bisulphate, oz.	65	" " Howard's, lb.	5	" Whale Oil, lb.	12
" Borate, oz.	75	" Glauber, lb.	2	SODA, Acetate, lb.	20
" Bromide, oz.	65	" Nitre (Potash), Crystal, lb.	8	" " C.P., oz.	5
" Cacodylate, oz.	2 00	" " Gran., lb.	8	" " Pure fused, oz.	13
" Citrate, oz.	70	" (Soda) Crystal, lb.	6	" Aluminate, oz.	25
" Dihydrochlorate, oz.	1 25	" " Gran., lb.	6	" and Amm-nia Pnrs. (Microcosmic	
" Ferro Cyanide Hydro, oz.	75	" Prunella, lb.	20	" Salts), lb.	85
" Glycerinophosphate, oz.	1 60	" Rochelle, lb.	26	" Arsenate, Pure dry, oz.	15
" Hydrobromate, oz.	80	" Rochelle, Crystal, lb.	35	" Arseniate, oz.	5
" Hydrochlorate, oz.	80	SAL, Rock, lb.	2	SODA Arseniate, Pure Cryst., oz.	10
" Hydriodate, oz.	75	" Soda, lb.	2	" Arsenite, Pure, oz.	10
" Hypophosphite, oz.	1 00	SALICINE, oz.	50	" Ash, lb.	3
QUININE, Iodide, oz.	57	SALIGENIN, 15 grain bots. each.	50	" Benzoate, oz.	10
" And Iron Valerianate, oz.	1 00	SALOL, oz.	1 1	" " from Benzoic acid, oz.	35
" Lactate, oz.	75	SALIPYRINE, oz.	35	" Bicarb, lb.	4
" Phosphate, oz.	75	SALOPHRN, oz.	1 20	" " Chace's, lb.	10
" Salicylate, oz.	65	SANGUINARINE, Alkaloid, 5 grain bots.		" " Crystals, lb.	40
" Sulphate, German, oz.	29	" each.	50	" " Howard's, lb.	15
" " Howards, oz.	37	" Nitrate, 5 grain bots., each.	50	" Bichromate, fused, oz.	5
" Tannate, oz.	40	" Sulphate, 5 grain bots., each.	50	" Bisulphate, pure cry l., lb.	45
" And Urea Hydrochlorate, oz.	1 60	SANOFORM, oz.	1 00	" Bisulphite, lb.	30
" Valerianate, oz.	75	SANTONINE, oz.	85	" Pure dry, lb.	50
RESORCIN, oz.	20	SAFONIN, 1/2 oz. bot., each.	15	" Bromide and Caffeine Citrate, lb.	1 00
" C P., oz.	40	SCILLIPICRIN, 15 grain bots., each.	35	" Bromide Gran. lb.	48
RHIGOLINE, lb.	75	SCOPOLAMINE Hydrobrom, 5 grain bots.		" Cacodylate, oz.	1 30
RICE FLOUR, lb.	9	" each.	80	" Carb. C.P. Cryst. lb.	25
RODINAL, 3 oz. bottle for.	50	SEEDS, Angelica, lb.	35	" " C.P. Dried, lb.	40
ROOT, Aconite, lb.	25	" Anise, lb.	10	" Carbolate, oz.	25
" Aconite, Pulv., lb.	30	" " Pulv., lb.	12	" Caustic, lb.	6
" Alkanet, lb.	25	" " Star, lb.	40	" " Gran., lb.	10
" Angelica, lb.	30	" Annatto, lb.	16	" " C.P. Sticks, lb.	60
" Arnica, lb.	30	" Burdock, lb.	30	" " " Pure by Alcohol lb.	85
" Belladonna, lb.	20	" Canary, lb.	8	" Chlorate, lb.	40
" " Powd., lb.	30	" Cardamon, Decort., lb.	70	" Chloride, pure, oz.	5
" Blood, lb.	20	" " Malabar, lb.	90	" Choleate, oz.	20
" " Pulv., lb.	25	" " Pulv., lb.	90	" Cinnimate, 1/2 oz. each.	20
" Burdock, lb.	20	" Caraway, lb.	12	" Citrate, lb.	90
" " cut, lb.	21	" " Pulv., lb.	15	" Dithio Salicylate Beta, oz.	1 25
" Calamus, lb.	50	" Celery, lb.	15	" Ethylate, Dry, oz.	1 00
" Colchici, lb.	20	" Colchici, lb.	65	" " Solution, oz.	25
" Columba, lb.	15	" " Pulv., lb.	80	" " Richardson's, oz.	75
" Curcuma, Pulv., lb.	15	" Conium, lb.	30	" Formate, oz.	40
" Dandelion, lb.	15	" Coriander, lb.	15	" Glycerinophosphate, oz.	35
" Dock, Yellow lb.	16	" " Pulv., lb.	18	" Hypochlorite Solution, oz.	10
" Elecampage, lb.	15	" Croton, lb.	25	" Hypophosphite, oz.	10
" " Pulv., lb.	25	" Cumir, lb.	20	" " C.P., oz.	50
" Galangal, lb.	10	" " Pulv., lb.	25	" Hypo-sulphite, lb.	4
" Gentian, lb.	15	" Dill, lb.	20	" Iodide, oz.	45
" " Pulv., lb.	10	" Fennel, lb.	15	" Lactate Syr., oz.	35
" Ginseng, oz.	50	" " Pulv., lb.	20	" Meconate, oz.	2 25
" Golden Seal, whole, lb.	2 00	" Flax, lb.	4	" Naphtholate, oz.	75
" " powdered, lb.	2 52	" " Pure ground, lb.	4 1/2	" Nitrate Crude, lb.	5
" Hellebore, White, Pulv., lb.	16	" Foenugreek, Pulv.	7	" " Pure Cryst., oz.	5
" Ipecac, oz.	20	" Hemp, lb.	6	" Nitro-prusside, oz.	1 00
" Jalap, lb.	30	" Hyoscymus, lb.	50	" Nitrite, lb.	6
" " Pulv., lb.	40	" Hyssop, lb.	35	" " C.P. Sticks, oz.	20
" Leptandrin, lb.	30	" Jambul, oz.	15	" Oxalate, oz.	5
" Licorice, Extra Select, lb.	12	" Lobelia, lb.	75	" Paracresote, oz.	75
" " small sticks, lb.	18	" Maw, lb.	20	" Permanganate, oz.	10
" " Pulv., lb.	13	" Mustard, white, lb.	10	" Phosphate Gran., lb.	10

SODA, Phosphate, Pure, lb.	\$ 20	STRYCHNINE, Acetate, oz.	\$ 2 00	UROSPHERIN, Merck's, (see Formin)	
" " C.P. Cryst., lb.	35	" Arsenate, oz.	2 00	UROTROPIN, oz.	\$2 35
" " C.P. Pulv., lb.	40	" Arsenite, oz.	2 00	UROTROPIN, Schering's, oz.	50
" " Dry, lb.	55	" Citrate, oz.	2 25	VALIDOL, 25 grammes each.	1 80
" Phosphite, oz.	40	" Hydrobromate, 1/8 oz. for.	35	VANILLINE, oz.	90
" Phosphomolybdate, cz.	20	" Hydrochlorate, "	25	VERATRIA, pure, 1/4th oz. for.	40
" Pyrophosphate, lb.	90	" Hypophos., "	40	VERDIGRIS, Balls, lb.	25
" " Pure, oz.	10	" Nitrate, "	25	" Pulverized, lb.	30
" Salicylate, lb.	65	" Phosphate, "	20	VERONAL, oz.	2 00
" " Natural, oz.	95	" Salicylate, "	25	VINEGAR, Cantbarides, lb.	60
" Santoninate, oz.	80	" Sulphate, oz.	75	" Squills, lb.	10
" Silicate, lb.	6	" Valerianate, 1/8 oz. for.	75	WATER, Aaise, lb.	10
" Silicic fluoride, oz.	35	STYPTICIN, 15 grain bot., ea.	30	" Camphor, lb.	10
" Succinate, oz.	20	STYRONE, Liq., oz.	1 50	" Cherry Laurel, lb.	25
" Sulphate Com'l, see Sal Glauber ..		SUCCUS CONIUM, lb.	75	" Chlorine, lb.	10
" " C.P. Cryst., lb.	25	SUCROL, oz.	1 25	" Cianamon, lb.	8
" " C.P. Dried, lb.	30	SULFONAL, oz.	30	" Dill, lb.	10
" Sulphite Cryst. or Granulated, lb. ..	7	SULPHAMINOL, oz.	2 00	" Distilled, gal.	5
" " C.P., lb.	35	SULPHUR, Chloride, oz.	30	" Elderflower, lb.	30
" Dried C.P., lb.	50	" Iodide, oz.	50	" Fennel, lb.	10
" Pure Recryst., oz.	25	" Precipitated, lb.	12	" Lime, pt.	7
" Sulphocarb, oz.	10	" " opt., lb.	20	" Orange Flower, lb.	25
" Sulphosalicylate, oz.	65	" Powdered, lb.	3	" Peppermint, lb.	20
" Sulphovinate, oz.	12	" Sublimed, lb.	4	" Rose, lb.	25
" Tannate, oz.	20	" " extra, lb.	4 1/2	WAX, Bayberry, lb.	40
" Tartrate, C.P., oz.	55	" Roll, lb.	3	" Brazil or Carnauba, lb.	70
" " Neutral, oz.	15	" Vivum, lb.	6	" Ceracine, lb.	30
" Tellurate, 15 grains for.	25	SYMPHORAL, 25 grammes for.	2 50	" Japan, lb.	30
" Tetroborate, oz.	50	TAMARINDS, lb.	10	" Paraffio Sterilized, 25 gramme pack-	
" Thiosulphate, see Hyposulphite ..		TANNALBIN, oz.	65	ages, ea.	65
" Tungstate, lb.	55	TANNIGEN, oz.	85	" Parafine, lb.	20
" " C.P., oz.	10	TANNOFORM, oz.	50	" White, No. 1, lb.	70
" Uranate, oz.	40	TANNOPINE, oz.	80	" " No. 2, lb.	50
" Valerianate, oz.	45	TAR, Barbadoes, lb.	15	" Yellow (Beeswax), lb.	45
SODIUM, Metal, 1/2 oz. bots., each.	18	" Stockholm, lb.	15	WINE, Aloes B.P., lb.	60
" Acetic Theocin, oz.	3 25	TERBENE, oz.	10	" Antimony, lb.	35
" Fluoride, oz.	20	TERPIN, Hydrate, oz.	10	" Colchici. Rad., lb.	50
" Glycollate, oz.	2 00	" Peroxide, oz.	1 00	" " Sem., lb.	50
" Iodide, oz.	40	TERPINOL, Liquid, oz.	40	" Ergot, lb.	50
SOLANINE, 15 grain bot., each.	2 25	TETRAETHYL, Ammonium Hydroxide,		" Ipecac, lb.	60
SOLUTION Clemens (Arsenic Bromide) lb.	50	1/8 oz. for.	1 50	" Iron, lb.	40
" Döbell's, lb.	20	TETRONAL, 25 grammes for.	3 50	" " Citrate, lb.	50
" Fehlings No. 1, oz.	5	THALLINE, Sulphate, oz.	3 60	" Opium, lb.	90
SOLUTION, Fehlings No. 2, oz.	10	" Tartrate, oz.	3 25	" Orange, lb.	25
" Hydrate Bichlor, lb.	65	THEOBROMINE, oz.	55	XYLOL, oz.	5
" Nitroglycerine, 1 per cent., oz.	15	" Salicylate, oz.	15	YOHIMBINE, Crystal (3 grain tube), each	1 50
" 10 per cent., oz.	20	THEOBROMINE, and Soda Salicylate, oz.	90	" Tablets (tubes of 10), each.	90
" 25 per cent., oz.	35	THERMODIN, 25 grammes for.	2 00	ZINC, Acetate, pure, cz.	25
" Potash Hydrosulphide, lb.	40	THERMAL, cz.	1 00	" Benzoate, oz.	10
" Platinate, oz.	15	THIOL, oz.	1 40	" Bromide, oz.	35
" Soda Hypochlorate, oz.	25	THIOFORM, oz.	75	" Carbolate, oz.	40
" Vlemmicks (Calcium Sulphide), Wr	65	THIOCIN, cz.	3 60	" Carbamate, lb.	30
" Normal Volumetric Acid Hydro-		THIOL, oz.	50	" " Precip., oz.	10
chlor, Wr.	2 25	THIOSINAMINE, oz.	90	" Chlorate Fused, oz.	15
" " " Sulph., Wr.	2 25	THORIUM, Nitrate, oz.	50	" Chloride, Fused, oz.	12
" " " Potash, Wr.	2 25	THYMOL, oz.	30	" " Granul., oz.	12
SOMATOSE, oz.	57	THYRADEN, 25 grammes for.	1 30	" Cyan de, oz.	12
" and Iron, oz.	60	THYROIDINE, cz.	1 25	" Ferrocyanide, oz.	15
SOMNAL, oz.	65	THYROIDIN, 25 grammes for.	1 25	" Granulated, lb.	15
SOY, Indian, gal.	75	TIN, Metal Sticks, cz.	10	" " free from Arsenic, oz.	6
SOZIODOL, Mercury	1 75	" Granulates, lb.	1 00	" Hypophosphite, oz.	65
" Potassium, oz.	1 25	TITANUM, oz.	75	" Iodide, oz.	65
" Sodium, oz.	1 00	TOLUENE, lb.	60	" Lactate, oz.	15
" Zinc, oz.	1 60	TOW, lb.	30	" Metal, pure, oz.	10
SPARTEIN, Sulphate, 1/8 oz. bot., ea.	25	TOW, Carbolated, lb.	40	" Nitrate, pure, cz.	15
SPERMACEIL, lb.	55	" Styptic, lb.	35	" Oleate, oz.	5
SPIRITS, Ammon. Aromat., lb.	65	TRIBROMPHOL, cz.	1 60	" Oxide, lb.	15
SPIRITS, Camphor, pt.	85	" Bismuth, oz.	65	" " Pure, lb.	20
" Chloroform, lb.	65	TRIETHYLATE, oz.	60	" " Hubbuck's, lb.	60
STANNOUS Chloride, C.P., oz.	15	TRIFERRIN, cz.	1 20	" " Dry process, lb.	30
" Sulphate, oz.	20	TRIKRESOL, cz.	15	" Permanganate, oz.	60
STANNIC, Chlorate C.P., oz.	25	TRIMETHYLAMINE, oz.	55	" Phosphate, oz.	15
" Sulphate, oz.	40	TRIONAL, oz.	1 20	" Phosphate, oz.	30
STARCH, Iodized, oz.	30	TRIPHENIN, oz.	65	" Salicylate, oz.	30
" Powd., lb.	8	TROPACOCAINE, 5 grains for.	20	" Stearate, oz.	25
STRARINE, lb.	30	TUMENOL, 25 grammes for.	55	" " Comp., oz.	50
STRONTIA, Acetate, oz.	30	TURPENTINE, Chian, cz.	40	" " With Aristol, cz.	3 00
" Bromide, oz.	12	" Venice, lb.	12	" " With Ichthyol, oz.	80
" Chlorate, oz.	20	UNGUENTUM, Crede, oz.	1 20	" Sulphate, pure, lb.	15
" Chloride, oz.	20	URANIUM, Acetate, oz.	1 00	" " C.P. Cryst., lb.	20
" Iodide, oz.	50	" and Ammon. fluoride, oz.	1 50	" " C.P. Gran., lb.	25
" Lactate, oz.	15	" Chloride, oz.	90	" " C.P. Dried, lb.	50
" Muriate, oz.	5	" Iodide, oz.	75	" Sulphide, pure, oz.	15
" Nitrate, lb.	20	" Nitrate, oz.	50	" Sulphite, oz.	25
" " dry, lb.	25	" Oxide, oz.	55	" Sulphocarb, oz.	10
" Oxalate, oz.	10	" Sulphate, oz.	80	" Sulphydrate, cz.	35
" Oxide Caustic Cryst., pure, oz.	10	" Sulphocarbolat., lb.	80	" Sulfuratum, oz.	12
" Phosphate, oz.	20	UREA Crystals, pure, oz.	30	" Tannate, oz.	10
" Salicylate, cz.	20	" Nitrate, oz.	45	" Valerianate, pulv., cz.	25
" Sulphide, oz.	20	URECIDIN, oz.	60	" " Cryst., oz.	30
STROPANTHIN, oz.	2 00	URETHANE, oz.	50		
STRYCHNINE, oz.	75				

The Canadian Druggist

VOL. XVII.

TORONTO JULY, 1905

No 7

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER.

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

Telephone, Main 3203

TORONTO, ONT.

Cable Address : SAYD, TORONTO

THE RETURN OF EMPTIES

The wholesale drug trade of Canada have decided that in future no empty tins shall be taken back and given credit for. There are several reasons why such a course has been taken.

In the first place, many of the tins sent in from retail dealers have been found to be rusty and otherwise damaged, and again it is almost impossible to thoroughly cleanse and to make these containers so as to render them fit to be filled again and reshipped in such a condition as the wholesaler would feel justified in doing, besides which the return of these empties has always been a "bone of contention" and frequently some retailers have thought themselves rather harshly dealt with.

The problem of the "Empty Container" has always been a difficult one to deal with, as the wholesale and retail trades quite naturally look upon it from different points of view.

A few years ago the wholesale drug firm of Farrand, Williams & Clark, of Detroit, Mich., adopted this rule, and although for a short time there was some grumbling on the part of their customers still the reasonableness of it soon became apparent to the trade and there is now no objection made. The following portion of the circular issued by this firm at the time shows very clearly the ground on which they based their action :

"This action has been brought about by the enormous proportions the return package business has assumed, entailing a great amount of clerical work, besides the large amount of money invested in containers, which are filled and re-filled, and finally reach the jobber in a practically worthless condition. A new keg, for instance, sent you containing alcohol or liquor, will be returned with probably a new bung-hole bored in the head or stave. The next time, possibly a hoop will be missing, or a stave split, or it may have remained in a damp cellar and become covered with rusty hoops and mould, and eventually leaky and totally unfit for use.

"In many cases packages indicate their having stood out in the rain without any corks in them, so that dirt, dust and other foreign matter get in, which makes it impossible to clean them thoroughly."

There is no doubt that the best solution to the difficulty would be, if possible, to have packages, such as boxes in which the goods are packed, and tins of nominal value, sent out to the trade without any specific charge, adding the average cost to the price of goods. We cannot say that this scheme is one which can be very readily worked out, but it appears to us that there has always been a discrimination in favor of the city dealer as against druggists in outside places, in that the latter have to pay for boxes and other containers which packages are of no use to them once they are received, while the city dealer not only receives his goods without any cost for the package, but also has them delivered free, thereby saving freight, which is another important item with the outside buyer.

These are matters which, we think, are fairly entitled to consideration by the wholesale trade.

ON RETURNING DRAFTS

The practice of making drafts on customers by wholesale houses for the settlement of accounts is one that is practised by the majority of the trade, and furnishes a satisfactory method of doing business between the two parties, when the retailer carries out his part of the programme.

Unfortunately, however, there are a few who do not always do so and the draft is sometimes returned to the wholesaler either with no explana-

ation attached, or else on some trivial excuse, that no self-respecting business man should ever employ.

It may be that there is some slight mistake in the amount of the draft, but as all wholesale houses send out statements of account in advance to their customers, notifying them at the same time of their intention to draw on them at a certain date, the time to dispute the account is on receipt of this statement, not to wait until the draft is presented before calling attention to the error. In any case the business way is to accept the draft and pay it and afterwards explain to the wholesaler about the error, which would be allowed on the next bill of goods. This course would save much useless trouble to both parties and also expense to the wholesale house.

It can, moreover, truthfully be said that the retailer, who, for no good reason, returns drafts made upon him, is perhaps unconsciously, but none the less most surely, injuring his credit in the eyes of the wholesale merchant who has drawn on him, and the oftener he does this the lower sinks his credit. This fact, if realized by the retailer, should in itself be sufficient to cause him to cease the practice, except for very good cause.

THE RETAIL DRUGGIST AND PATENT MEDICINES

If one were to judge from the volume of the articles written and in many cases in very forcible language, in regard to the sale of patent medicines by the druggist, it might be supposed that the whole life of the drug trade and indeed the very existence of the druggist himself, depended on this one feature of the retail druggist's stock-in-trade. In some pharmaceutical journals, as well as in the daily press, the patent medicine is to our mind altogether too much dwelt upon as being a disturbing factor between the manufacturer, the retail druggists and the consumer, with the result that the druggist is looked upon in many quarters as the mere shopkeeper, or the seller of "ready made" medicines, for which a popular demand has been created, rather than as a member of a profession, whose primary object and office is the compounding and dispensing of medicine, in pursuance of a thorough and tested knowledge of his ability to do so, as gained in a prescribed course of training and college teaching.

When therefore it is proposed to bring the druggist as a professional man down to the mere routine work of the ordinary tradesman, it certainly is time for the pharmaceutical press at least to speak out and denounce this continued harping on the one theme, which, however urgent it may appear to one mind which may be centred on it, certainly is not the controlling thought or the

sole ambition in the mind of the retail druggists of this country.

We are quite willing to admit that the sale of patent medicines, contribute in some drug stores a very large proportion of the sales, while, in the few, it is impossible to procure them at all, but in the majority of cases we believe it will be found that the sale of these goods does not constitute anything like the amount of other sales and certainly not of profit which would justify the amount of attention given them by the press generally.

The patent medicine is a legitimate factor in the business of the retail druggist and it is one which should not be neglected by the up-to-date business man, and by whom every effort should be made to further any legitimate method which is calculated to prevent the demoralization of trade by "price-cutting," but as it is only a minor portion of the business, so also should it be assigned to a minor position in the efforts of the retail druggist in order to promote and hold the better part, or what may be termed the pharmaceutical side of the business. Let the retail druggist demonstrate that selling patent medicines is not his only and highest ambition, but rather let pharmacy, of which he is the undoubted exponent, be given first place in the appeal for the patronage and the confidence of the public. Only by such a course and by keeping before the public the professional side, the part which necessitates ability, care and experience, will the druggist merit and continue to hold the confidence of the purchaser.

REFLECTING CHARACTER

One of the most essential points in a man's training is to enable him to judge himself without casting all blame for misdoing or error on the part of some one else. How often do we find the merchant accusing his competitor of acts which it has been subsequently proved were only creations of his own imagination and probably were instigated by the tendency of the accuser's mind to be himself guilty of the act charged. All through commercial life we have instances constantly multiplying themselves of this unfortunate trait of character due in most cases to a disordered mind, and one not any too free from the dictates of an evil nature.

As people always look with suspicion on the person who continually boasts, it may be of his own honesty or truthfulness, so always the word of such a man either written or expressed receives but scant attention from the observing public.

It is therefore always well when disposed to make any charges against a competitor to first prove whether or not such charges are not mere-

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ly reflecting our own characters and showing what we ourselves would do under the circumstances. Let us bear in mind the familiar words:

"Honi soit qui mal y pense," and see that we are not merely, in making accusations, placing a mirror before ourselves, thereby showing our own character as exhibited in our suspicions of others.

PHARMACEUTICAL ASSOCIATION OF THE PROVINCE OF QUEBEC

Thirty-fifth Annual Report

REPORT OF COUNCIL FOR 1904-5

Your Council have held during the year six regular and three special meetings, together with several committee meetings, to consider matters relating to the welfare of the Association.

At the first meeting of the Council, held after the annual meeting, and in accordance with the requirements of the Quebec Pharmacy Act, the officers of the Association, with the Board of Examiners and Auditors were duly elected.

At this meeting it was resolved that the time of holding the fall examinations in Quebec be changed from October to the last week in September, that being considered as the most suitable time for holding said Examinations. At this meeting the Registrar reported the names of four Licentiates who had not paid their registration fee, for the year ending April 30th, 1904, when a resolution was adopted, instructing the Registrar to erase their names from the Register, unless said fees were paid within 15 days. Your Council are pleased to report that all of these gentlemen responded to the notice sent to them, and have paid up their arrears.

Upon the retirement of Mr. Lachance who had been President for four years the following resolution was carried unanimously :

Resolved that the members of the Council highly appreciate the good services of our late President, Mr. Lachance, and regret very much his decision to retire from the presidency. It is therefore moved that a vote of thanks be tendered to Mr. Lachance, the retiring President, for his efficient services rendered during his four years' term of office. Carried.

At this meeting the following resolution was passed, namely :

Resolved that this Council vote the sum of one hundred dollars, as a bonus to the Secretary, Mr. E. Mnir, in recognition of his valuable services and kindness to the members of the Council. Carried.

Your Council have to report that negotiations are pending with the Preliminary Board of Examiners with a view to increase the efficiency of their examinations, but as yet no definite conclu-

sion has been arrived at, it will therefore be for the new Council to complete any changes that may be made in that direction.

Your Council have to report, that at the September meeting, and in response to a request from the Ontario College of Pharmacy, they had appointed the following gentlemen, namely : Messrs. W. H. Chapman, A. B. J. Moore, Henry R. Gray, A. E. DuBerger and Joseph E. Morrison as a committee of Research, with a view of co-operating with the Ontario College of Pharmacy, in the formulating and publishing of a Canadian Book of Formulary similar to that published in the United States. This Committee have met and offered suggestions to the Ontario Council and a preliminary draft of the proposed formulary has been published and we believe a copy has been sent to every druggist in the Dominion; requesting suggestions from the drug trade generally, so that the book when published will be as complete as possible.

Your Council beg to report that the following prosecutions have been taken during the year against persons contravening the Pharmacy Act, namely : Dr. E. Morin of Quebec, for illegally keeping open a branch store in Levis, said store not being under the direct control and management of a Licentiate of Pharmacy or registered Physician as required by the Pharmacy Act, and also for illegally having in his employ an unregistered clerk, and by said clerk having illegally dispensed a physician's prescription. Against Pierre Ruel of Lauzon for illegally keeping a drug store, and also against Dr. Dussault, of St. Romuald, for having permitted his apprentice to dispense a physician's prescription, the said apprentice not being under the direct control required by the Quebec Pharmacy Act; also against Fournier, the said apprentice, for dispensing a physician's prescription, he not being, at the time, under the control required by the Quebec Pharmacy Act. Also against Dr. Oliver Demers and Gregoire Choquette, of Farnham, the former for having in his employ an unregistered apprentice and allowing said unregistered apprentice to dispense prescriptions and sell poison and drugs, he not being registered as required by the Quebec Pharmacy Act, and also against the said Gregoire Choquette for keeping open a drug store in the town of Farnham, he not being a licentiate of Pharmacy or a duly enregistered physician, as required by the Quebec Pharmacy Act. In all of these cases, your Council are pleased to be able to state they were successful, having obtained confessions of judgment, convictions and fines against all the parties concerned.

At the November meeting of the Council the question of amendments to the Pharmacy Act was considered and the following resolution presented, namely : That the committee of this

Council on legislation meet together to study the question of amending the Pharmacy Act, and report to the Council any alterations or amendments they may consider advantageous, said amendments or suggestions when adopted, to be presented to the Legislature, when in the opinion of the Council the time is opportune. This committee is still considering this subject but no definite move in that direction has been made.

Your Council beg to report that the By-Laws which have been passed during the last twenty years have been collocated into pamphlet form, and thoroughly revised by a committee appointed for that purpose, and when published, a copy will be sent to every druggist in the province. This work has involved a considerable amount of labor and time, but the results, they believe, will amply repay the time and labor given to the subject.

At the November meeting of the Council a by-law was passed, requiring the Secretary-Registrar upon sending out the yearly notices for the annual fees, that a special notice be added, to the effect that if any members desire to make any recommendation to the incoming Council, at the forthcoming annual meeting, they shall give notice to the Secretary of their intention, together with the nature of their recommendation, at least one month prior to the date of the annual meeting, so that he may insert the same in the notice calling the annual meeting.

Your Council beg to report that a change has been made in the number of questions given to the Major and Minor Candidates and also in the mode of the preparation of said questions and the following by-law was passed to carry out said changes, namely :

Resolved that the number of questions for the Major and Minor Examinations be six obligatory questions on each subject, instead of three obligatory and six optional, and that the Examiners prepare these questions, have them translated into French and English, and either typewritten or plainly written out, during the allotted time for the sitting of the Board, the questions thus correctly prepared to be handed over to the Registrar, to have them typewritten, after which two city resident members of the Board shall look over the typewritten papers for the purpose of making any corrections that may be found necessary. Carried.

Your Council at its March meeting took into consideration the question of the annual registration fees, and in consideration of the gratifying fact that the Association had now accumulated a respectable capital, they determined to reduce the fees, and the following resolution carried, namely : Resolved, that the annual Registration fees for the incoming year, commencing May 1st, 1905, be as follows : For Licentiates of Pharmacy

and Physicians, registered under the provisions of Article 4035a, \$6.00; for Certified Clerks \$4.00 and for Certified Apprentices \$2.00. Carried.

The Regular Board of Examiners held their Semi-Annual Examinations as follows :—In Quebec on September 26th to 29th, 1904, inclusive, where 18 Major and 14 Minor Candidates presented themselves and of these 4 Major and 3 Minor Candidates passed. In Montreal, on April 10th to 14th inclusive, when 22 Major and 31 Minor Candidates presented themselves and of these 6 Major and 4 Minor Candidates passed.

The Preliminary Board of Examiners held their quarterly Examinations in Montreal and Quebec, in July, October, January and April last, when 63 candidates presented themselves, and of these 25 passed.

The Registrar reports on the registers the following : 209 licentiates, 81 Doctors registered under the provisions of article 4035a of the Pharmacy Act, 62 Certified Clerks and 157 Certified Apprentices.

The Treasurer's Annual Financial statement will be laid before you, showing a balance of cash in the City and District Savings Bank of \$6,775.14, to April 30th, 1905.

The Registrar's books and vouchers, together with the Treasurer's financial statement, have been duly audited, by the auditors appointed by the Council and by them certified correct.

The Registrar reports that there are 15 licentiates in arrear of fees for the past year, whose names were on the previous year's register.

The Registrar reports that the following members of the Association have died during the year, namely : Edward Evans, Senior, of London, England ; Madam E. G. Provost, of Sorel ; F. F. Gauthreau, of Quebec, L. R. Baridon, of Montreal, and Doctor F. W. Campbell, Dean of Bishop's College Medical Faculty, Montreal, who, for many years, was one of the honorary members of our Association.

Your Council report that none of the candidates, either at the September or April Examinations succeeded in obtaining the gold or silver medal.

All of which is respectfully submitted.

A NEW TOOTH BRUSH

Mr. R. Addis, of The London Brush Works, Londonfields, has invented a new toothbrush in which aluminum takes the place of bone or celluloid in the handle. The stock is light, incorrodible, capable of receiving a high polish, easily engraved or embossed, and may be washed in boiling water without injury and thus effectually cleansed. It seems likely to receive the support of many whose fancy in tooth-brushes is seeking for something new.

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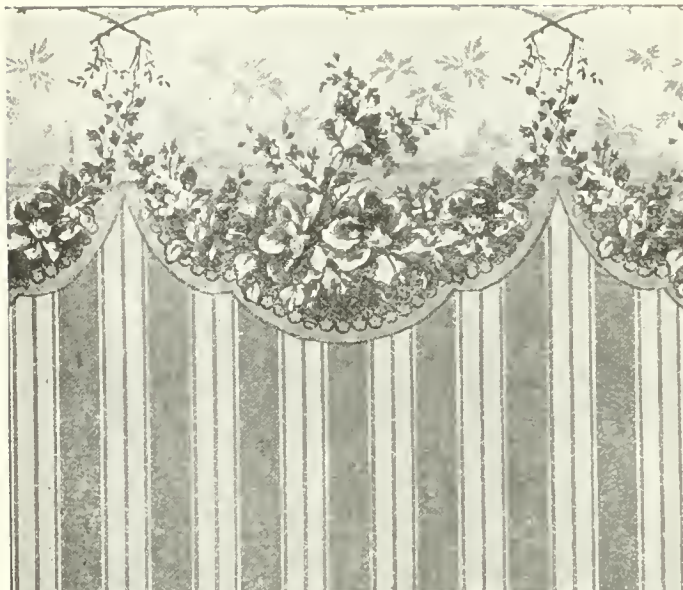
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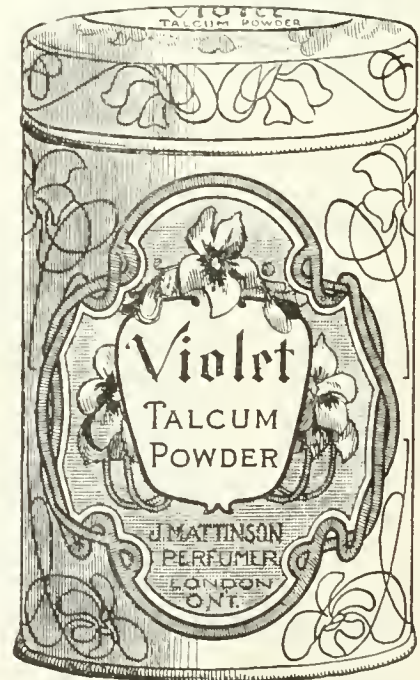
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CANADIAN WHOLESALE DRUGGISTS' ASSOCIATION

DISTRICT NO. 10

The annual meeting of the Canadian Wholesale Druggists' Association was held at the King Edward Hotel, Toronto, Ontario, June 13th, all the wholesale houses in the Dominion, with the exception of three, being represented, as follows:

Bole Drug Co., Winnipeg, D. W. Bole, W. W. Bole; Martin, Bole and Wynn Co., Winnipeg, E. D. Martin; Dominion Drug Company, Hamilton, C. W. Tinling; John Winer Company, Hamilton, W. C. Niblett; Lyman Brothers and Company, Toronto, C. McD. Hay; Lyman, Knox and Clarkson, Toronto, J. W. Knox; Elliot and Co., Limited, Toronto, W. S. Elliot; Evans and Sons, Limited, Montreal, T. H. Wardleworth; Kerry, Watson and Co., Montreal, W. S. Kerry; Lyman, Knox and Co., Montreal, J. W. Knox; Lyman, Sons and Co., Montreal, Thos. Gibbard; H. Skinner and Co., Kingston, W. B. Skinner; T. B. Barker and Sons, St. John, N.B., H. W. Barker; Canadian Drug Company, St. John, N.B., L. A. Miles; Hattie and Mylius, Halifax, L. J. Mylius; Simson Brothers and Co., Halifax, Daniel Hocking; London Drug Company, London, J. Mattinson.

The President, Mr. D. W. Bole, M.P., occupied the chair.

Mr. C. McD. Hay welcomed the visitors to Toronto in a few well-chosen remarks, which were repounded to by Mr. Mylius, of Halifax, and Mr. Martin, of Winnipeg.

Matters of interest in the trade generally were freely discussed.

The report of the members of the Association who were appointed on the Joint Committee presented their report—and the outcome of the deliberations was a unanimous decision to give a hearty support to the furtherance of the protective plan. The following officers were elected: Honorary President, Henry Lyman, Montreal; President, A. B. Evans, Montreal; Vice-President, C. W. Tinling, Hamilton; Second Vice-President, W. Elliott, Toronto; Third Vice-President, H. W. Barker, St. John, N.B.; Treasurer, W. C. Niblett, Hamilton; Secretary, Jas. Mattinson, London; Committee of Management, C. McD. Hay, Toronto; W. C. Niblett, Hamilton; L. J. Mylius, Halifax; J. W. Knox, Montreal; E. D. Martin, Winnipeg; L. A. Miles, St. John, N.B., and W. B. Skinner, Kingston. Executive Committee, Arthur Lyman and T. H. Wardleworth, Montreal; J. Mattinson, London; C. W. Tinling, Hamilton; W. Elliot and C. McD. Hay, Toronto. On the invitation of Skinner & Co., Kingston, it was decided to hold the next convention at Gananoque in June of next year.

A meeting of the druggists of District No. 10 was held in the hall at Port Dover, Ontario, on the night of the 20th of June, 1905.

Mr. R. Taylor, of Port Dover, welcomed the druggists in a few well chosen words.

The chairman, Mr. W. A. Karn, made reply, thanking the druggists of Port Dover for their words of welcome.

The minutes of last meeting were read by the secretary, moved by Mr. R. Taylor, seconded by Mr. E. A. Rea that minutes as read be adopted. Carried.

A most practical paper on "Price Regulation of Patent Medicines" was read by Mr. J. J. Doyle, Stratford.

A speech was made by Mr. C. A. Austin, Simcoe, on fair dealing in patent medicines.

A paper on "Pharmaceutical Research," written by Mr. John Hargreaves, Toronto, was read and commented on by the chairman.

An address was made by Mr. C. W. Tinling, Hamilton, chairman of the Joint Committee, on "Trade Conditions, Present and Future."

A very thorough and lively discussion ensued on this subject, indulged in by many members. Moved by Mr. E. A. Rea, Stratford, seconded by Mr. J. G. Karn, Woodstock, that this district meeting, assembled in No. 10 District, express their approval of the general adoption of the contract plan by the Joint Committee, and pledge their continued support to its adoption, as provided in the agreement already signed between retailers and jobbers, all purchases of patent medicines to be made through the legitimate jobbing trade. Carried.

Moved by Mr. F. G. Walley, Ingersoll, and seconded by Mr. R. H. Walton, Woodstock, that this meeting deprecates the action of any firm putting a substitute on the market for any goods on the contract plan, as has been done in the Ozone case, and we hereby pledge ourselves not to handle such substitute goods, and that a copy of this resolution be forwarded to the Ozone Co. Carried.

The chairman, Mr. W. A. Karn, made his address relative to College affairs and the recent amendments to the Pharmacy Act.

It was moved by Mr. F. G. Walley, Ingersoll, and seconded by Mr. H. W. Ansley, Port Dover, that a hearty vote of thanks be tendered to Mr. C. W. Tinling for his address. Carried.

It was agreed that a unanimous vote of thanks be tendered to the Council of Port Dover for the use of the Council chamber, and that the secretary send a copy of same to Mr. H. W. Ansley, Port Dover, to present to that body. Carried.

An invitation to meet at Port Dover next year was given by Mr. H. W. Ansley and seconded by Mr. C. A. Austin, Simcoe. Carried.

It was moved by Mr. H. W. Ansley, Port Dover, and seconded by Mr. J. E. Gayfer, Ingersoll, that Mr. J. T. Pepper, Woodstock, be secretary for ensuing year. Carried.

It was moved by Mr. J. E. Gayfer, Ingersoll, and seconded by Mr. J. J. Doyle, Stratford, that Mr. E. A. Rea, Stratford, be the representative of District No. 10 to confer with representatives of other districts re the furthering of the Price Contract Plan. Carried.

The next day, Wednesday, June 22nd, 1905, was spent in fishing for bass at Long Point, the druggists and their friends going over in a steamer. A most enjoyable day was spent in fishing, rowing, yachting and cultivating good fellowship.

Attendance:—W. A. Karn, Woodstock; C. W. Tinling, Hamilton; F. G. Walley, Ingersoll; J. E. Gayfer, Ingersoll; J. J. Doyle, Stratford; G. A. Ionson, Ingersoll; J. G. Karn, Woodstock; Mr. Murphy, Toronto; R. H. Walton, Woodstock; Mr. W. G. B. Barkwell, London; E. A. Rea, Stratford; C. A. Austin, Simcoe; H. W. Ansley, Port Dover; R. Taylor, Port Dover; E. J. Fenwick, Hamilton; J. T. Pepper, Woodstock.

O. C. P. COUNCIL ELECTION

The following have been elected members of the Council of the Ontario College of Pharmacy for the succeeding two years, all having been elected by acclamation, and all being members of the last Council.

There is to be a contest in one District, No. 6, where Mr. J. R. Y. Broughton, the former member, is opposed by Mr. A. C. Rorabeck, of North Bay.

- District 1—H. Watters, Ottawa.
- District 2—E. W. Case, Picton.
- District 3—J. H. H. Jury, Bowmanville.
- District 4—G. E. Gibbard, Toronto.
- District 5—John Hargreaves, Toronto.
- District 7—C. Law, Guelph.
- District 8—Theo. Sweet, St. Catharines.
- District 9—R. A. Harrison, Dunnville.
- District 10—W. A. Karn, Woodstock.
- District 11—J. F. Roberts, Parkhill.
- District 12—J. M. Hargreaves, Paisley.
- District 13—W. B. Graham, Ridgetown.

Election to be held in No. 6. Returns to be in July 5th.

BACHELORS OF PHARMACY

The following have completed the examination in pharmacy and obtained the degree of Phm.B. at the recent examinations at the University of Toronto: R. M. Arbuthnot, W. Avery, R. H. Barber, A. E. Black, G. W. Brant, W. E. Brimblecombe, A. J. Brownlee, W. J. Charles, C. L.

Copeland, L. S. Douglas, E. B. Flint, F. W. Gibson, W. R. Hammond, J. L. Harris, F. W. Heath, A. W. E. Hemphill, A. Kennedy, E. C. Lawrence, F. Lyne, S. T. R. McCready, F. W. M. McCullough, D. McCutcheon, W. F. McGill, H. S. Mann, Miss S. P. Marshall, S. G. Moore, F. E. Morrison, G. A. Quinn, H. Richardson, D. T. G. Rumpth, J. E. Sonder, F. H. Spence, E. P. Stewart, W. W. Storr, J. H. Tupling, F. A. Venn, F. S. Wilson.

The following are required to pass supplemental examinations before completing the examination in pharmacy: Pharmacy—W. N. Ivel. Practical Pharmacy and Chemistry—G. M. Brown. Prescriptions—U. A. O'Neil. Chemistry—R. M. Roddick.

NEWS ITEMS

Messrs. H. K. Wampole & Co., of Toronto, Ont., and Philadelphia, Pa., are about to erect a large factory at Perth, Ontario, for the manufacture of sugar of milk. A by-law to grant the firm \$25,000 was submitted to the ratepayers on June 19th and was almost unanimously carried, only 5 votes being recorded against it.

The new Canadian-Mexican Steamship Line will begin operations July 20, when the first steamer subsidized by the Canadian and Mexican governments will sail from Montreal to Mexican ports, touching at Havana.

Two new telephone companies have been announced by the Manitoba Gazette, the Russell Telephone Co., with a capital of \$5,000, and the Melita-Arthur Telephone Co., capital \$10,000. This multiplication of independent telephone lines cannot but prove beneficial in face of existing conditions.

The Owl Drug Co., of San Francisco, has inaugurated the custom of giving its employees a day off every week, and by means of publicity it hopes to induce other druggists to take the same step. This action, taken in connection with the "shorter hours" law which has just been enacted by the California legislature, is exceedingly gratifying to the drug clerks of that state.

A movement is on foot among the drug clerks of Philadelphia, Pa., to induce proprietors to close their drug stores on Sundays between the hours of one and six o'clock, p.m. The proprietors have for the present decided to leave the matter to the decision of each individual druggist and will not now take any collective action.

Don't fail to let your customer talk if he is inclined to do so, as by listening to what he has to say you learn what his ideas are, and also show the respect that is due him.

SURGICAL GAUZES

SPECIAL OFFER

WRITE US.

WE CAN CONVINCE YOU.

PLAIN, ABSORBENT, IODOFORM, SUBLIMATE,
CARBOLIZED, BORATED.

Originally manufactured by our own
people under the direct supervision of
SIR JOSEPH LISTER.

UNQUESTIONABLY BEST, INCIDENTALLY CHEAPEST.

The J. STEVENS & SON CO., Limited
145 Wellington St. W., Toronto

ALSO AT LONDON, ENG.,

AND WINNIPEG, MAN.

HENDERSON BROS., Ltd.

WHOLESALE DRUGGISTS

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

In time of plenty
prepare for famine

In other words—When eggs are plentiful and
cheap immerse them in a solution of

ELLIOT'S Water-Glass Egg Preserver

Eggs thus treated are so well preserved that
when brought into use after storing for six or eight
months or more the flavor will be found unimpaired.
Those who have used it recommend it highly. It
does what is claimed for it. We want you to try it
and we want a place for it in your stock.

Small size preserves 9 or 10 doz. eggs.

\$1.10 doz. ; case 2 doz. @ \$1.00 doz.

Large size contains five times quantity.

\$4.00 doz. ; case 1 doz., \$3.75.

ELLIOT'S Pocket Medicine Case

provides in pill form, medicines for the cure or
prevention of Malaria, Colds, Fevers, Chills,
Diarrhoea, Dysentery, etc. It will be seen at once
that such a pocket-package is of great value to
Campers, Tourists, Sportsmen, Voyagers, Itinerant
Clergymen, and others. Full directions and a pack-
age of Court Plaster are included.

Price, 25c. Wholesale, \$2.00 per doz.

LETTER ORDERS

Direct orders are, to our mind, trusts committed
to us by our customers, and are dealt with by us as
such. Our correspondents can therefore depend
upon us to give fair prices (quantities ordered always
considered) and special care. We ship promptly.
Are we getting **your** direct orders? Put us on
trial.

The ELLIOT & CO., Limited
5 Front St. East, Toronto

LYMAN'S LIGHTNING FLY PAPER POISON

SEASON 1905

NO CHANGE IN PRICE

5c. Size

3 Papers in Package
6 doz. Packages in Box

Price, \$1.50 per box

10c. Size

6 Papers in Package
3 doz. Packages in Box

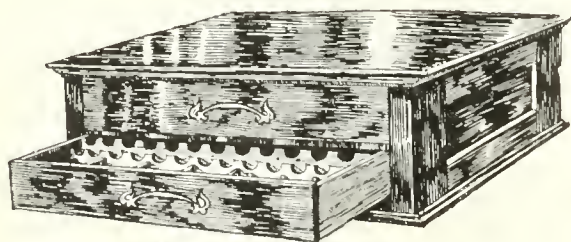
Price, \$1.50 per box

In handsome Counter Display Boxes. Send your orders now for your Season's Supply.

THE LYMAN BROS. & CO., Limited

Wholesale Druggists, TORONTO.

The Counter Label Cabinet



Is just the handiest thing that a Druggist can add to his Fixtures,

Every Label is held in its proper place in its own compartment and directly under your eye.

Labels may readily be removed singly with one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a single drawer, which may be fitted into your counter, only \$9.00. The latter holds 3 doz. labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.

LONDON, CANADA

Satisfaction in Selling

**GAUZES, COTTONS,
LIGATURES and PLASTERS**

Is not a matter of uncertainty when you handle the Goods supplied by

Chandler & Fisher
LIMITED
WINNIPEG

“Direct Importers of Surgical Supplies and Druggists' Rubber Specialties”

MAIL ORDERS RECEIVE PROMPT ATTENTION

Trade Notes

J. R. Dennis, druggist, Chatham, Ontario, is moving to Tilbury.

Dr. S. K. Harvie has purchased the drug business of W. J. Atchison, Moyle, British Columbia.

F. W. Fraser, of the firm of J. D. B. Fraser & Sons, druggists, Pictou, Nova Scotia, died last month.

J. S. Kennedy, druggist, Avonmore, Ontario, has made an assignment.

The drug store of Mr. Nichols, White Horse, Yukon Territory, was destroyed by fire May 23.

F. H. Walley has purchased the drug business of John Sowerby, Hillsburg, Ontario.

Oscar D. Paquette has registered as doing business as a druggist in Montreal, Quebec.

E. S. Agnew has sold his drug business, the "Winnipeg Drug Hall," Winnipeg, Manitoba.

A drug store has been opened at Togo, Manitoba, a new town on the line of the Canadian Northern Railway.

R. W. Grieve, druggist, Red Deer, Alberta, N. W.T., has admitted R. D. Berry into partnership.

M. L. Woodhull, Alameda, Assiniboia, who has hitherto conducted a hardware business in connection with his drug business has disposed of the former.

R. C. Post, druggist, Cobourg, Ontario, has suspended payment.

The drug store of Dr. D. C. MacKenzie, Fort Frances, Ontario, was destroyed by fire June 10th. Loss, \$2,500; insurance, \$1,000. At the same time the drug and stationery store of F. S. Fraleigh was also destroyed. Loss, \$4,500; insurance, \$2,700.

The drug store of J. S. Kennedy, Avonmore, Ontario, was advertised for sale on June 30th.

Henry A. Rowland has moved into the new drug store, corner of Parliament and Gerrard Streets, Toronto, Ontario.

J. Carman is opening a new drug business in Snow Flake, Manitoba.

J. West has purchased the drug business of J. O. Goyett, Magog, Quebec.

F. McLean has purchased the drug business of John MacLean, St. Marys, Ontario.

H. W. Smith, of Dresden, has purchased the drug store of Dr. Knight, Wallaceburg, Ontario.

A. L. O. Baker has purchased the drug business of J. W. McLaren, Morden, Manitoba.

S. Millett is opening a new drug business in Newmarket, Ontario.

MacKenzie Seyler & Co. have opened a new drug store at 253 Avenue Road, Toronto, Ontario.

W. H. Lee has opened a branch drug store at corner of Avenue Road and Macpherson Ave., Toronto, Ontario.

COMPANIES

The Canada Comb Manufacturing Co. has been registered as doing business at Montreal, Quebec.

The Gerhard Mennen Chemical Co., Montreal, Quebec, has been registered with E. C. Mennon as president.

The Rexall Co., manufacturers and dealers in chemicals, etc., has been incorporated. Capital, \$40,000; head office, Toronto, Ontario.

The Macks-Crero Chemical Company has been incorporated with headquarters at Owen Sound, Ontario.

The Albert Soaps, Limited, is the name of a company of Montreal, Quebec, formed with \$200,000 stock to take over the business of Alf. Savage & Son, 169 McCord street.

The Canada Paint Company, Limited, of Montreal, has purchased the Winnipeg Linseed Oil Mills with the elevator and adjacent land.

It is the intention of the company to extend the operations of the mills and manufacture in every department that can be favorably operated.

The Canadian Dental Supply Company, Limited, with capitalization of \$100,000 will do business in Toronto. The incorporators are Walter P. N. Windeyer, Richard H. Windeyer, James W. Brent, Madeleine M. Windeyer, and Erie Georgina Brent.

MONTREAL NOTES

Mr. Hobart, of Henry K. Wampole & Co., it is stated, will make his headquarters in Montreal for the future.

The "Pineo-Dowson" Company, of Montreal, has been incorporated and is getting their price list out. Their town traveller is a hustler and is pushing things for all they are worth.

The multiplication of hospitals and dispensaries is felt here very much by the retail pharmacists and doctors. People are sent to the hospitals for all sorts of minor complaints which might very well be treated at home. The consequence is that the appeals to public charity for the support of hospitals and institutions of all kinds is incessant. Hospitals must be supported, but the time has arrived for more discrimination now that mechanics are in so much demand and are getting such good wages.

Messrs. Scott and Bowne have called in their original contract and have substituted a new one which appears to be in more correct legal phraseology and which is satisfactory to the retail and wholesale druggists. So far as your correspondent can learn the new contracts are being generally signed. The "Direct Contract and Price Restrictive Plan" is all right and druggists should do their best to see that it is lived up to.

One of the most necessary accomplishments of a good pharmacy clerk is a good handwriting, and yet it is not an uncommon thing to see the

directions on a prescription bottle written most abominably, suggesting the errand boy rather than the educated pharmacy clerk.

The Lyons Joint Stock Company, Limited, is now organized and in working order. The difficulty ahead of it will be the obtaining of supplies. Medicines with duly appointed agents, under contract to sell at prices fixed by the manufacturers, will be very difficult to obtain. The stand recently occupied by Mr. Lyons has been let to Mr. LeDue's company and Mr. Lyons has removed to the opposite corner.

Business is very flat in Montreal. Nearly all the families able to afford the luxury have migrated to country quarters. The cool weather we are having has made some of them regret their haste in leaving their comfortable homes in town. The 1st of July, when the schools are all closed, will see the last summer migrant depart, then, alas! the poor pharmacist will begin to think of how to pay his rent out of cut rates.

The usual complaints from students who didn't get through at the pharmacy exams. are being sifted. As a rule, when matters have cooled down a little, the student himself begins to feel that he hardly gave the application necessary to merit a pass, and he sets to work more seriously at the next session. The same thing happens at the medical, legal, dental and notarial professional examinations. Sometimes an ugly rumor gets abroad that the questions have leaked out beforehand and then it becomes the duty of the authority appointing the examiners to look into the matter seriously. Such a case is now before the Council for investigation.

PERSONAL

"We are pleased to report that Mr. A. McD. Wilson, the popular representative of The Dominion Drug Co., Hamilton, Ont., who has been laid up for the past four or five weeks owing to an unfortunate accident to his eye, has so far recovered that he is able to take up his work again. Mr. Wilson has a host of friends on the road who will be pleased to see him after his enforced idleness."

The Sloeum Medicine Co., Limited, Toronto, Ont., has settled the damage action brought against it by Dr. A. R. Pyne, by paying Dr. Pyne's costs and damages, and giving up the certificate. The action was based on the publication by the Sloeum Company of a certificate of analysis given by Dr. Pyne of the company's remedy, Psychine. The certificate, it was claimed, had been altered by the defendants so as to make it somewhat more emphatic in its endorsement of the medicine.

LIME WATER TABLETS

From a professional standpoint these goods are unethical and unscientific, says the Apothecary. They should be rejected by all intelligent pharmacists as worthless.

The lime from which all tablets in the market are made contains alkaline impurities, and the alkalinity of the lime water made from tablets is, in part, due to this cause. Sugar is also used in the tablets, and this with the lime forms calcium saccharate, which is quite soluble, and when the water is tested for lime a considerable quantity is found and is misleading.

Lime readily absorbs carbon di-oxide from the air, forming calcium carbonate, and is then quite insoluble. When in this condition the lime will not hydrate and form calcium hydroxide as is desired in making true lime water.

From the foregoing it will be readily seen that the therapeutic value of lime water made from tablets is not that desired.

Lime water should be made from freshly slacked lime, and fresh quantities of lime should not be added, but after standing any considerable time should be discarded and a fresh mixture prepared.

PRICE REGULATION OF PATENT MEDICINES

By J. J. Doyle, Stratford, Ontario*

The question of "Price Restriction" and "Price Regulation" of patent medicines, is one of the burning issues of the day that is interesting the drug trade more than any other that has crossed our pathway in recent years.

The placing of stocks of medicines on their shelves by departmental stores some years ago, and advertising these at cut prices, practically compelled the druggist living in the same city to meet these prices in order to retain his customers.

Not only this—the large departmental stores of Toronto, sending their drug catalogues broadcast all over the Dominion, have carried cut prices to every town and village and made havoc with old time standard prices, so that even the druggist in the remotest hamlet, to prevent patronage, that naturally and rightly belongs to him, drifting Torontoward, has to make price concessions to his customers.

The matter is a serious one, impairing our profits and on many lines wiping them out altogether. It is perhaps more serious in our city than any other place in this district, on account of there being a general store in our midst carrying a line of patents and advertising these at cut rates merely as a leader to attract customers, in order to sell their other goods.

* Paper read at meeting of District No. 10, held at Port Dover, June 26th.

Telegrams: Tyrer, Stratford, London.

A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, LimitedManufacturing Chemists
STRATFORD LONDON
ENGLAND**GOLD MEDAL****ST. LOUIS, 1904**

Bismuths

Mercurials

"STERLING BRAND"
PURE

Ethers

Hypophosphites

ACID PHOSPHORICAnd all kinds
of Pure and(Made from Phosphorus)
All Strengths
GUARANTEED FREE ARSENICTechnical
ChemicalsEnquiries solicited from **INVENTORS, PATENTEES, etc.****Thomas Glover & Son,
Carlton, Nottingham, Eng.**Our firm is the **OLDEST, LARGEST,
CHEAPEST** and **BEST**. Enjoying
reputation of 60 years, for the manu-
facture of**Elastic Hosiery, Trusses** and all kinds of **Surgical Appliances.****Price list and Catalogue Free.****It will pay you to write for them.****H. SALLE & CO.****4 Rue Elzévir, PARIS****Exporters and Importers of Crude
Drugs.****Growers of French Herbs.****Specialty of Irish Moss.**Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)**Agents Wanted in Every Important Town.**
Offers for American Drugs Solicited**J. H. HAYWOOD****Castle Gate, Nottingham, England.**Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.**BELTS, SUSPENSORY BANDAGES, TRUSSES**
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries**GLASS BOTTLES**Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green,
Poison and all kinds of Bottles used in the Druggist and Allied
Trades. Special Moulds made.**J. A. CURLE, LTD.**Wholesale and Export Manufacturers
Perseverance Glass Works, Homer Road, South Hackney, LONDON**For the
Summer
Season****Montserrat Lime Fruit Juice**The standard lime juice of the world.
A ready seller and brings trade.**Montserrat Lime Juice
Sauce.**The combination with lime
juice makes it an acceptable and whole-
some appetiser.**De Leon's Florida Water.**

A preparation of charming fragrance.

Large, 4.25 doz.; 3 doz. 4.00 doz.

Small, 1.90 doz.; gross, 22.00.

**Granular Effervescent Prep-
arations** of standard quality.**Evans' Antiseptic Throat
Pastilles**—the original. A good seller

in the summer season, and all seasons.

British Lanoline. A pure wool fat
of excellent quality. Special prices to buyers
in quantity.**EVANS AND SONS,****LIMITED****MONTREAL.**



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

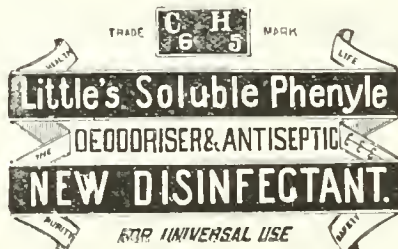
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/, 3/6 and 10/6.

Wholesale, 12/, 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG.

AGENTS WANTED.

. SPECIAL .

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F. C. CALVERT & CO.

(OF MANCHESTER, ENG.)

807 Dorchester St. - MONTREAL

You know it is easy for a store to get the name of selling things cheap where they advertise "regular price \$1.00, our price 69 cents," or "regular price 50 cents, our price 30 cents." It appeals to the public mightily—more eloquently than almost any other form of advertising, and therein the great temptation lies, not only for departmental stores, but also for druggists themselves.

How are we to combat this price cutting craze?—how can we get ourselves back again on the solid rock of full prices? From what I can learn from various sources, druggists in a number of towns, in the different parts of the province, have sunk for the time at least, foolish jealousies and bickerings and have come together and arranged among themselves a schedule of prices below which they agree not to cut.

For instance, they may quote \$1.00 preparations at 80 cents and 50 cent articles at 40 cents. They have this sliding scale, not because they are not desirous of obtaining full prices, but they feel that the public must be educated up to these after a carnival of cutting, and besides this, they have to concede something on account of the circulation in their midst of the departmental store drug catalogue. This, I conceive, is a big step in the right direction, and more and more druggists should get together and work together for their united good instead of allowing prejudices to keep them apart.

In every town, where there is no one outside of the regular trade handling patents, an effort should be made by the druggists to get together and arrange prices, which shall be to their mutual profit.

I believe there is the best of feeling among the druggists in Stratford, and, if the cut rate grocery store could be eliminated, there would be no difficulty in us arranging matters satisfactorily.

This question of "drug depots' " cut rate or otherwise, outside the regular trade, is one that we as a body, should deal with. The druggists in Peterboro and other towns are, I understand, the victims of stores similar to the one we have in Stratford. The wholesale druggist, I believe, is primarily responsible for the continuance of these places, and we should make it our business to find out who furnishes the supplies and pledge ourselves not to buy a dollar's worth of goods from any wholesaler who aids in continuing a bastard business—that should have no legal status in the community.

Where there is a town where you cannot get some one man to see eye to eye with the rest of his fellow druggists on the advisability of arranging a schedule of prices, I would strongly advise the cutting of prices on popular patents below cost by everyone till they made the cut rate

man so sick that he would be glad either to come to terms with them or get out of business.

Make arrangements, if necessary, to buy your goods together in quantities at the best price and divide up the stock, so as to make any loss you are at in this game as light as possible, and inaugurate a vigorous company of advertising.

So far for the agreement among ourselves—that we should do as promoting good fellowship and protecting to some extent at least our profits.

There is another method, however, more radical and more effective, which we should use our best endeavors to have every patent medicine proprietor adopt, and that is the contract plan. If honestly carried out, it is an absolute safeguard against the cut prices of the departmental store, as well as the cut prices of those in your own town. Under this system every package is numbered, and easily traced, and no one is allowed to purchase any goods unless he signs an agreement to maintain the price marked on the package. Take for example such goods as Pierce's Euthymol, Psychine, Pitcher's Tablets and Liquozone—patents which we used to see advertised at cut rates along with the rest—now we never hear of them being cut and can always obtain the full price.

Do we readily grasp what that means to us financially, to get full prices on all cut patents? It would mean 25 per cent. to 35 per cent. more money in our till every night. It seems to me, when we consider the fact, that we are not half energetic enough in endeavoring to persuade manufacturers to place their remedies on the price protective plan.

Now have we been generous enough to those who have already protected their goods? One of the most effective means we have of persuading proprietors who are not on the contract plan, is to do all we can in every way to help along the sale of full price goods, and on the other hand to do all we can to discourage the sale of cut price goods.

We should take more interest in making window and counter displays of the goods of manufacturers who are helping us. Assist in the distribution of advertising literature, and be ready to say a good word to any customer who enquires for these remedies, provided, of course, we feel that the remedy is all right. On the other hand, nonprotected goods, should have their window displays, cards, circulars and the like consigned to hades—or the kitchen stove—and should never be given any place of prominence in our stores. If manufacturers felt confident that every druggist in this district had deliberately determined to boom the sale of contract goods and "knock" the sale of cut price goods—more than that, if they knew that every druggist in Canada was of

that mind, what a scramble there would be to get on the contract basis.

Proprietors, you know, can only be reached through their pockets and all the fine talk you may indulge in, unless backed by something practical that will touch the purses, is simply wasted.

If we want to get more of the manufacturers to price protect their goods, we must demonstrate to them that it is a practical dollars and cents proposition and one which they cannot afford to ignore.

I trust, gentlemen, that we will give this question of price regulation of patents, which is of such moment to us, a great deal more serious practical thought than we have heretofore.

Let us get together whenever it is possible and establish a standard of prices that we will honorably and steadfastly adhere to.

But beyond that let us keep everlastingly at the manufacturer until every cut price preparation is placed on the contract plan, which is the only safe and satisfactory method of maintaining prices that so far to our knowledge has been devised.

PHARMACEUTICAL RESEARCH*

The Council of the Ontario College of Pharmacy appointed a special committee at its regular meeting in August, 1902, to enquire into the advisability of adopting some plan of investigation and research, and report at the next ensuing session. The committee appointed reported to the Council at the following session in February, 1903, as follows:

After careful enquiry into prevailing conditions that exist in regard to numerous unofficial pharmaceutical formulae among the pharmacists and physicians of Ontario, your committee is convinced that some effort and encouragement is required and should be earnestly devoted to the purpose of establishing uniformity in pharmacy, encouraging and advancing individual knowledge and manufacture of galenicals by the graduates and members of our College. This is essential for the maintenance of the technical skill and practical knowledge of the members of our College and almost absolutely necessary for the experience and education of the future students of pharmacy. We believe that it is imperative on the part of every active and intelligent pharmacist to manufacture any and every preparation practicable in pharmacy.

The adoption and authorization by the College of many unofficial preparations that have come into such general practice as almost to be recog-

nized as official in some localities will be of great assistance in revising present formulae and may become the nucleus of an official and uniform formulary for Canada under the recognition of the Ontario College of Pharmacy. This would be a step in the direction of advancing and benefiting the practice of both pharmacy and medicine in this province.

Believing that such investigation would be equally useful and beneficial to the practice of medicine and pharmacy, we recommend that the College of Physicians and Surgeons be requested to co-operate and assist in any endeavor to have pharmacy and medicine put forth their efforts to establish uniformity of pharmaceutical preparations.

With the object of accomplishing so desirable an object, your committee beg to recommend as follows:

That a permanent or standing committee be appointed by each and every Council to be called the Pharmaceutical Research Committee. That this committee be authorized to confer with a committee to be appointed by the College of Physicians and Surgeons of Ontario.

That the committee be instructed to proceed forthwith to obtain all possible information in regard to unofficial formulae, with the object and intention of compiling a small book of formulae to be authorized and adopted by O. C. P., such book of formulae to be sent to the members of our College and to members of the College of Physicians and Surgeons practising in Ontario as soon as possible after its adoption and publication by the Council.

The additions to and revisions of such formulae shall be constantly and regularly investigated and carried on by the Pharmaceutical Research Committee under the authority of the Council.

That the compilation of an official book of formulae shall be completed and placed in the hands of the members of the O.C.P. before the investigation and authorization of new and specific formulae be proceeded with as set forth hereafter.

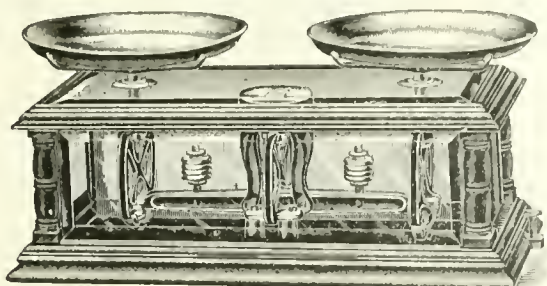
The committee shall at each session of the Council decide upon certain formulae which it desires to investigate.

That all members of the Ontario College of Pharmacy and of the College of Physicians and Surgeons of Ontario shall be requested to forward a formula and also a sample of the finished article with all information in detail relative to the preparation of such article, and that the same be forwarded to the College addressed to the chairman of the Pharmaceutical Research Committee at least one month previous to the ensuing session of the Council.

That such formulae and samples shall be fully investigated and enquired into by the said committee, together with the committee appointed by

*A paper read by John Hargreaves, Chairman Pharm. Research Committee, at a meeting of District No. 10.

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TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

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Will be Retained by the Most Delicate Stomach, Even After all
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Readily Prepared, and can be Flavored to Suit any Taste

4 oz. 50c. 12 oz. \$1.00. 40 oz. \$2.00

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the College of Physicians and Surgeons of Ontario, and report the result of their enquiry to the Council of the College.

That when such book of formulae, or added formulae, has been adopted by the Council, the students attending the College shall receive all information in regard thereto, and shall be fully instructed how to prepare the same.

That pamphlet containing full information as to the adoption and mode of manufacturing these formulae shall be printed semi-annually and mailed to all recognized members of our College in Ontario along with the minutes of the Council.

That the same pamphlets shall be supplied to the College of Physicians and Surgeons for use of their members.

At the session of the Council held in August, 1903, the same special committee reported that a copy of the report as presented to the last Council, together with a request for earnest co-operation and assistance in the work proposed, was forwarded to the secretaries of the various pharmaceutical associations and medical associations in Canada, replies were received from some of the said associations acknowledging receipt and promising that the report would be submitted to their association for due consideration and that a name for the book, the methods to be pursued in obtaining formulae and the manner in which the book shall be distributed and brought to the attention of the several interested bodies, should be recommended at a future Council meeting. At this session a standing committee of the College of Pharmacy to continue the work, was appointed, to be called the Pharmaceutical Research Committee composed of five members of the Council. The members of the committee as appointed were H. Watters, Ottawa; W. A. Karn, Woodstock; E. W. Case, Picton; R. A. Harrison, Dunnville; and John Hargreaves, Toronto.

In February, 1904, the committee reported progress of work done in connection with the selection of formulae for the book, also the promise of co-operation in the undertaking from other Pharmaceutical Associations in Canada, recommending deferring the compilation of formulae until a still later date. In August, 1904, a recommendation was received and universally adopted by the Council, that the publication of an official formulary composed of medicinal, pharmaceutical and chemical formulae to be called The Canadian Formulary under the authority of the Pharmaceutical Association of Canada be proceeded with. The recommendation proposed that each Pharmaceutical Association in Canada be requested to appoint a Pharmaceutical Research Committee, that all galenic preparations of medicinal and pharmaceutical value and any formulae that will assist the pharmacist to keep abreast with advanced pharmacy of the present day be eligible

for publication and that all selected formulae shall be fully attested and approved as regards title, external appearance, taste and uniform composition, reliable effect and stability. It was deemed advisable to arrange for the publication of a small pamphlet of suggested formulae, believing that a distribution of such a pamphlet would better convey the object and intention of the undertaking than any other means and thereby enable us to secure the more general co-operation of other interested bodies, as desired.

As a result of this recommendation, in February, 1905, the committee accepted a number of formulae and instructed the chairman of the committee to have them compiled and printed and distributed to the members of the College throughout Ontario. The preface in the book clearly defines the intention of the Council and invites open criticism and discussion on the formulae contained.

May I suggest that every divisional association discuss the compendium of Canadian Formulary as requested and that each will appoint a Committee on Pharmacy whose duties will be to examine into and investigate the formulae contained in the pamphlet and proceed to collect and select suitable formulae to be included in the future issues. It is admitted that many medicaments obtain and prevail to a considerable extent in one locality while in other localities they may be almost unknown. A committee appointed in our thirteen districts could therefore render valuable assistance in compiling a work of a uniform general character. These committees might also suggest the most valuable and effectual means to be undertaken in distributing the books so as to secure the attention and recognition of the medical profession, as this is a feature of the undertaking which requires local energy very largely for its success.

The Pharmaceutical Association of Quebec have appointed a Research Committee composed of five members to act in conjunction with our College, and are at present engaged in preparing formulae.

The personnel of their committee is W. H. Chapman, H. R. Gray, A. B. J. Moor and S. E. Morrison, of Montreal, and A. E. Duberger, of Waterloo.

It is expected that other associations, medical and pharmaceutical, will approve of our proposition and decide to assist in the operation towards a successful final compilation and publication of a Canadian Formulary, which will be a credit to pharmacy, medicine and Canada. To achieve this desired result our committee are continuing their best efforts. May I request the active co-operation of the thirteen electoral districts in Ontario by the appointment in each of a committee as indicated herein.

DRUGGIST'S "DONT'S"

Don't think for your customer. If he thinks Baby's Own Soap is best sell it to him, even if there is not much profit in it for you; don't let him go elsewhere for it, nor make him buy some other kind and feel sore on you every time he uses it.

The other kind may be good, but always remember "A man convinced against his will is of the same opinion still."

THE DIRECTORS OF APOLLINARIS AGENCY

With a view of facilitating its business, the United Agency Co., of 503 Fifth Avenue, New York, which had the sole agency for the United States and Canada of the Apollinaris Company, Limited, London, organized a new company under New York State Laws, under the name of "Apollinaris Agency Company," which now conducts the business at the same address; Gustav Baumann, George C. Boldt, Simeon Ford, Louis Sherry, Horace H. Brockway, Julius C. Prince, G. Creighton Webb, Edwin D. Worcester, Isidor Haldenstein, and the Viscount Dungannon, C.B., are the Directors of Apollinaris Agency Company and were also the Directors of the United Agency Co.

MEETING OF THE TRUSTEES OF THE UNITED STATES PHARMACOPŒIA

The fifth annual meeting of the Board of Trustees of the United States Pharmacopœial Convention was held at the Philadelphia College of Pharmacy, May 13. The members present were: Dr. J. H. Beal, Scio, O.; Mr. Albert E. Ebert, Chicago; Professor Joseph P. Remington, Philadelphia; Mr. S. A. D. Sheppard, Boston; Dr. H. M. Whelpley, St. Louis, Dr. H. C. Wood, Philadelphia. In the absence of chairman Charles E. Dohme, who is in Europe, Vice-Chairman Beal called the meeting to order.

The minutes of the fourth annual meeting and the intervening correspondence of the Board were read and approved.

It was decided that a sample page or pages of new books in which it is desired to use some of the text of the Pharmacopœia shall be submitted to the chairman or acting chairman for approval, before permission to use Pharmacopœial text be given.

Professor Remington, Chairman of the Committee on Revision, made a detailed report of the progress of the work and stated that the new Pharmacopœia would be out before the end of June. The action of the chairman in fixing August 1, 1905, as the date from which the new revision will be official was approved. One hundred unbound copies will be distributed simultane-

taneously to pharmaceutical and medical journals for review purposes.

All books paying for the use of Pharmacopœial text will be required to print upon the obverse of the title page the following words in full face or black letter type: "Authority to use for comment the Pharmacopœia of the United States of America, Eighth Decennial Revision, in this volume, has been granted by the Board of Trustees of the United States Pharmacopœial Convention, which Board of Trustees is in no way responsible for the accuracy of any translations of the official weights and measures or for any statements as to strength of official preparations."

The subject of a Spanish edition of the Pharmacopœia was reported upon by President Wood. He was instructed to continue his investigations and again report to the Board. Dr. Wood finds considerable demand for a Spanish edition of the United States Pharmacopœia in Cuba, Mexico, Costa Rica and Porto Rico.

The Rice Memorial Fund Committee made a final report. Mr. S. A. D. Sheppard was appointed a special committee of one to take charge of this fund and deposit the same in the name of the Board of Trustees of the U.S.P. Convention.

It was decided that as soon as sufficient moneys shall have been received after paying present indebtedness and current bills the sum of \$200 be paid to each member of the Committee on Revision, excepting the chairman, Prof. J. P. Remington, to whom shall be paid \$2,000; to the secretary of trustees, Dr. Murray G. Motter, \$500; and the treasurer of the convention, Dr. George W. Cook, \$200. The secretary of the Board reported progress on the Abstract of Proceedings of the Board of Trustees and further action was postponed.

The following officers and standing committees were elected for the ensuing year: Chairman, Charles E. Dohme, Baltimore, Md.; Secretary, Dr. Murray G. Motter, Washington, D.C.; Executive Committee, Dr. J. H. Beal, Scio, O. (chairman), Dr. H. C. Wood and Charles E. Dohme; Auditing Committee, Dr. H. M. Whelpley, St. Louis, Mo. (chairman), Dr. A. E. Ebert, Chicago, and S. A. D. Sheppard, Boston, Mass.

H. M. Whelpley, Secretary, U.S.P. Convention. St. Louis, Mo., May 30, 1905.

DRUGGIST RETIRES, TO GET ACQUAINTED

A Pennsylvania druggist has left the drug business to get acquainted with his family. He is fifty years of age, and has been so actively engaged in business for thirty years that he has been a stranger to his home on Sundays as well as week days. He says that so far, meal times has been the only chance he has had to see the family.

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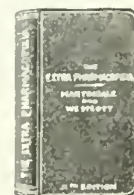
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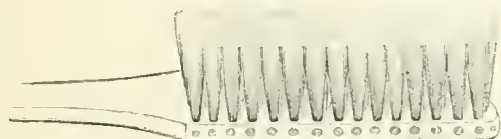


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Patent
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Manufactured on an entirely new principle.
Has the largest sale of any patent tooth brush in the world.

In addition to the ordinary means of securing the bristle, holes are drilled through the sides and our "Everfast" Cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristle in the mouth being completely removed.

THE "ANTISEPTIC" Reg. No. 369,649.



The Improved Hygienic Brush packed in 1 doz. Registered Show Box.
No. 374,876, with high class label.

THE "KING"



Made in three grades of Bristles, Hard, Medium and Soft.

In placing our new Registered Brush before the public, we beg to specify the following improvements:

The brush is shaped so that the bristles come in contact with the rounded surface of and also penetrate in between the teeth, by which, if the brush is used in an up and downward direction, the way of the grain of the teeth, every foreign substance must be removed, thereby thoroughly cleansing the teeth and making decay impossible.

The brush is also a great improvement for using in the general way of brushing across the teeth, as the bristles are placed at opposite angles, and therefore able to resist the pressure placed upon them, and do not, as with ordinary brushes, flatten out and pass over the highest surfaces only, omitting the crevices and indents into which any impurity, being allowed to remain, discolours and decays the teeth.

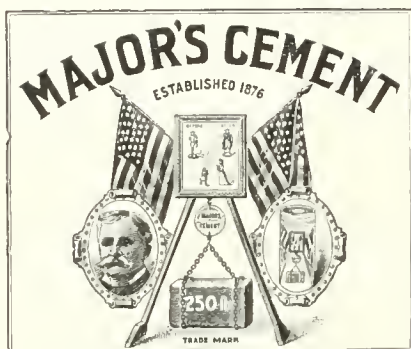
This brush is an absolute necessity to people with irregular teeth, as it is the only one which fully executes the thorough cleansing of the teeth, upon which the health so greatly depends.

ALL BRUSHES WARRANTED LONDON MADE

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It is being advertised extensively and your customers will want it. A thing you can recommend

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15c, \$1.20 doz.; 25c, \$2.00 doz.

Rough on Roaches and Ants

Non-Poisonous—15c, \$1.20 doz; 25c, \$2.00 doz

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Powder, 25c, \$2.00 doz

Liquid, 25c, \$2.00 doz

The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

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2 lb. cans

35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, \$36 gross, and over 10 per cent. discount and freight paid. For cash with order 2½ per cent. may be deducted.

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Boxes containing 40-5c pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

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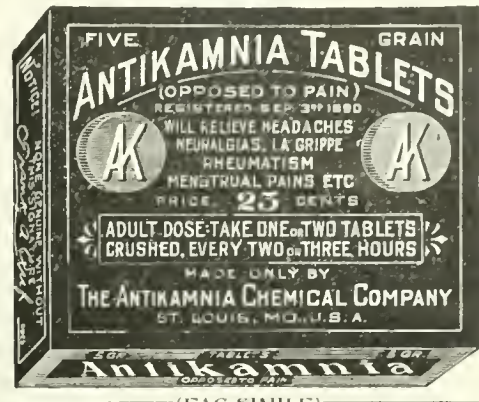
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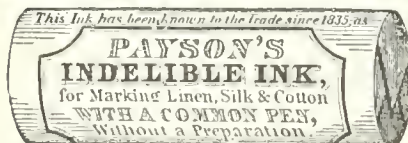
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THE CULTIVATION OF MEDICINAL PLANTS IN BEDFORDSHIRE AND SUFFOLK

By E. M. Holmes, F.L.S.*

By the kindness of Stafford Allen and Sons, Limited, I have been permitted to see the farms at Ampthill and Steppingley, in Bedfordshire, and at Long Melford, in Suffolk, where a portion of the large business carried on by them is conducted. At Steppingley, where the soil is somewhat sandy, the plants chiefly cultivated are belladonna, lavender, henbane, black peppermint, and, in lesser quantity, white peppermint, fox-

coverts near the Ampthill farm, the landowners will not allow it to be collected lest the game should be disturbed; consequently it is necessary to cultivate it. The belladonna and henbane are chiefly used for the preparation of extract, although a limited amount of the leafy tops are dried. The foxglove leaves are carefully dried, there being a considerable demand abroad for Messrs. Allen's brand in 1 lb. bottles and tins, the leaves being dried of good color and broken up into small pieces. The great care taken in selecting and drying these leaves has rendered the name "Allen, Ampthill," a guarantee of the qual-



ATROPIA BELLADONNA

glove, and pennyroyal. At Ampthill, where the soil is somewhat more loamy and moister, chiefly belladonna, aconite, rhubarb, opium poppy, squirting cucumber, lavender, and conium; in less quantity, *Lactuca virosa*, *Rosa gallica*, rosemary, savine, and pennyroyal are grown.

The belladonna, at the time I visited the farms, was two years old and in vigorous condition. The henbane was chiefly of the broad-leaved variety. Although digitalis is very abundant in the

ity, and the label is still kept up. The form of lavender chiefly grown is one known as black lavender, although I noticed a few plants of a different variety, spoken of as white lavender. To an ordinary observer there is little difference between the two; both are *Lavandula vera*, but the white form has rather broader leaves and shorter flowerheads, and the plants at a distance look whiter, owing to the broader leaves. As in other places, the plants are at their best when three to four years old.

*Reprint from the Pharmaceutical Journal, England.

The rhubarb grown is of two kinds—*Rheum rha-ponticum*, approaching *R. undulatum* in the wavy margins of the leaves, and *R. officinale*; of the latter there is a considerable quantity, which gives a larger, and, it is stated, a more active root than the former, but the powder of *R. rha-ponticum* is generally preferred on account of its brighter color. The root of *R. officinale*, how-ever, grows to a much larger size, and yields finer pieces of dried root. The manufactory is at Ampthill, close to the residence of Mr. Joseph Allen, a relative, who superintends the Bedford-shire branch of the business. The greatest care is taken to prevent heating and fermentation in the plants when cut, each batch of herbs (it hap-pened to be conium when I was there) being cut by machinery, ground under heavy stones, pressed

duced is of a very superior color. The petals are collected by women and children, who bring them to the factory in pillow-cases, and Mr. J. Allen informs me that, being curious to know how much they could earn in a day at the work, he experimented one evening from 6 p.m. till dusk—i.e., 8.30 p.m.—and found that 9 lbs. could be collected in that time, so that an industrious per-son could easily earn 2s. to 3s. a day by collect-ing the poppy petals.

At Long Melford, in Suffolk, the farm and the works, which have only been established about a year and a half, are under the charge of Mr. G. Stafford Allen, a grandson of the founder of the firm. The soil there is much richer and more loamy, and evidently, judging from the clematis in the hedges, is slightly calcareous. There is



RHUBARB

in a powerful hydraulic press, and the juice evap-orated to extract. The whole process is complet-ed within an hour, and the actual evaporation of the juice into extract takes only forty minutes. Mechanical means are also employed to render the extract of a perfectly uniform consistence; so that better and more uniform-looking extracts one could not easily find. The rose petals are chiefly collected for the preparation of *Confectio Rosae Gallicae*, and as the variety of rose grown is of a bright color and very sweet odor, the re-sulting confection is a very satisfactory prepara-tion. One of the articles manufactured here by the ton is *Syrupus Rheados*. A special variety of the red poppy, of a much brighter hue than the ordinary form, is employed, and the syrup pro-

also an abundant water supply, in which this farm possesses a considerable advantage over those in Bedfordshire. It is not surprising, there-fore, to see the peppermint growing most luxuri-antly, and the biennial henbane plants of the first year as large as mangel-wurzel plants. Mr. Al-len informed me that the autumn leaves of the first year's growth of the biennial henbane plant are seldom asked for in the English market, the demand being chiefly for foreign countries. Pop-pies are also grown here for the poppyheads, but they were not so large as at Ampthill, where the ground appeared to suit them better. Both the long and short capsules were growing together on separate individuals, but all the plants were of the white-flowered variety. The ripe capsules

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December 1, 1903

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LAVENDER



DATURA STRAMONIUM

are sorted when dried into three sizes, and small or broken capsules are supplied separately for purposes of fomentation, or are utilized in the preparation of extract. Other plants grown at Long Melford are dill and valerian. The cultivation of the latter has only recently been started, owing to the difficulty in obtaining good English root, foreign buyers clearing the market in Derbyshire at the earliest possible moment.

At the works a row of large stills containing 1,000 gallons each, in addition to a series of others of varying sizes, were in use for the distillation of essential oils. It is not generally known in the retail trade that Messrs. Stafford Allen and Sons are not only the principal drug

rose, was here stored in $\frac{1}{2}$ lb. jars. By further purification a concentrated, soluble, liquid oil is prepared, which is extremely costly, and its extraction and purification without injury to its delicate odor is by no means an easy task. Extracts of nux vomica, belladonna, henbane, and gentian are also prepared here, and the first two are standardized. Scammony resin is here extracted from the root, and the preparation is as far as possible rendered soluble in ether without residue, great care being taken to free it from glucose or any matter soluble in water. The resin when dried presents a close resemblance in appearance to virgin scammony, but has a sweet, not a cheesy odor. Considerable experience is ne-



ACONITUM_NAPELLUS

grinders in London, but for many years—indeed, until about ten years ago—were almost the only manufacturers of essential oils in this country who, besides supplying their usual manufactures, distilled or pressed for the wholesale trade such oils as sandal wood, croton, and others that are not made from plants cultivated in this country. The oils chiefly made at Long Melford at present are those of sandal wood, caraway, dill, cloves, lavender, peppermint, and orris root. Oil of cloves is made by the ton, there being a considerable demand for it for manufacturing purposes. Concrete oil of orris, which is as dear as otto of

necessary to ascertain by sight when the washing process is complete, but a portion of the resin is always tested with ether before being dried. The waste products, such as cloves, sandal wood, etc., after distillation, are thrown into large heaps, which are utilized for manuring the herb fields; the waste sandal wood is, however, sometimes used as fuel, as it is thought that being of a woody nature it might breed fungi if used as manure. Although at a considerable distance from London, the cost of carriage is met by the cheaper labor and cheaper rent for land. In London it is increasingly difficult to get sufficient

To the Public

It has been well said that better than great riches is an established reputation for honesty and square dealing. In the long run no man ever loses anything by open, frank dealing—by taking his customers into his full confidence. That is the way I felt when I decided to take those who may be benefited by the use of my well known medicines, "Golden Medical Discovery" and "Favorite Prescription" which are to be found in every drug store in the land, into my full confidence and tell them just what ingredients enter into the composition of these well known medicines. I recall that in the practice of my chosen profession I have often noticed that very many of my patients have wanted to know what I had prescribed for them to take. It's but natural that one should have some interest in the composition of that which he is expected to swallow. It is not unreasonable that we should have some regard for what we take into our stomachs, whether it be food, drink or medicine.

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Reasoning along the above line and having nothing to conceal from the thousands who take my family medicines, and thinking that the great majority of my patients would probably like to know what they are taking, I am now printing on the wrapper of each bottle of my medicines the ingredients of which it is composed. I feel that I can afford to take my patients into my full confidence, for my remedies contain nothing but such ingredients as have been approved and endorsed by the most eminent medical authorities—men who have stood at the very head of the medical profession in this country.

Sincerely,

R. V. PIERCE, M.D.

MEDICINES OF KNOWN COMPOSITION

If suffering from an obstinate malady which would one naturally prefer to take, a medicine of known composition, every ingredient of which has the endorsement of the most eminent medical practitioners and writers, or one which, for aught you may know, may be made up of very inefficient and even harmful agents? Is it not best to *insist* upon knowing what one is taking, as is everyone's right, whether being prescribed for by the family physician or making use of a proprietary remedy? We think so, especially in view of the very disparaging articles concerning various advertised remedies with which the drug and medical journals have been filled for months past. Dr. Pierce courts the severest criticism of the medical profession as to the value of his published formula, confident that he will receive fair treatment

from all fair-minded, well qualified brethren of the medical profession who cannot be blamed for not endorsing medicines of the composition of which they and the people are kept in ignorance.

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DIGITALIS PURPUREA

space for manufacturing purposes, whilst, on the other hand, it is often a disadvantage not to have a position in the city, especially when the place is as well known as Stafford Allen's, which has for sixty-seven years been at 7 Cowper Street, Finsbury. The works at Long Melford, which at first were started as an overflow or relief works, will, I am told, probably be considerably extended, since the conditions are suitable and there is room to expand, which is not the case in Bedfordshire.

UNITED STATES CIRCUIT COURT DECISION

Samuel B. Hartman vs. William O. Feenaughty et al. On application to compel witness to produce documents and to answer questions.

Thompson, J. (orally).

Samuel B. Hartman, who is the plaintiff in an action in replevin brought in the United States Circuit Court in the Western District of New York against Loveland and others, has presented an application to this Court for an order to require and compel the witness, Ambro R. Park, whose deposition is now being taken before the

clerk of this court, under Section 863 of the United States Revised Statutes, in that cause, to answer certain questions and produce certain documents.

He refused to answer the questions and to produce the documents upon the ground that they were not material or relevant to the matter in controversy, and on further ground that the answers to the questions would disclose trade secrets.

I have read the testimony, so far as it has been taken, and have in mind the questions that were asked, which the witness refused to answer.

In the first place as to the relevancy of the testimony sought to be elicited by those questions: The case sought to be made in the replevin suit is this: That McKessen & Robbins and Charles H. Loveland and John D. Park & Sons Company, conspiring together for that purpose, fraudulently obtained a carload of Peruna from plaintiff, and that the plaintiff, when he discovered the fraud, promptly repudiated the contract of sale, tendered back the purchase price which had been paid and replevined the goods. In order to maintain the suit, therefore, it is ne-

cessary to show that the possession of these goods was obtained by fraud practised upon the plaintiff, which justified him in repudiating the contract.

I do not care to discuss the question of the right to repudiate the contract; I think there can be no question about that. McKessen & Robbins and Loveland, both had contracts with Hartman to enable them to procure Peruna, and the claim is, that in violation of these contracts, they entered into a conspiracy with the John D. Park & Sons Company to obtain Peruna from Hartman and ship it to that company, the company being engaged quite extensively in the business of selling Peruna, and having no relation or contract with Hartman which would enable it to obtain Peruna in any other way.

If this be true, undoubtedly Hartman had a right to repudiate the sale and retake the property. But it is said the contracts with McKessen & Robbins and Loveland are executory, and that Hartman must look to them for damages from the wrongful disposition of the goods, and cannot attack the sale. The charge, however, as I understand it, is that this particular carload of Peruna was obtained by a fraud practised upon Hartman, and in furtherance of the scheme by which the John D. Park & Sons Company sought to obtain Peruna, when they could not otherwise have obtained it. The representation of McKessen & Robbins to Hartman was this: "Under our contract we want to buy this Peruna, put it upon the market and sell it as your agents, as we have been doing heretofore," when, in fact, that was a misrepresentation. They did not want it for any such purpose, but wanted it for the purpose of selling it to the John D. Park & Sons Company, in violation of their contracts with Hartman.

Therefore, in the opinion of the Court, the testimony sought to be elicited from this witness, Ambro R. Park, is relevant as tending to show this fraudulent scheme by which the Peruna was obtained from Hartman.

The witness repeats over and over again that the answers to the questions put to him will not incriminate him or will not subject him to a penalty or forfeiture; but, as I have already stated, his sole ground for refusing to answer is that the questions are irrelevant to the issues in the case pending in the New York Courts, and that the answers thereto would disclose trade secrets. The Court is of the opinion that the testimony is entirely relevant and that there are no trade secrets disclosed.

The suggestion is that this firm of John D. Park & Sons Company is fighting Hartman and the trust organizations, as they are called, which are engaged in this business; that this firm is outside and independent, but, at the same time,

are trying to get these goods by indirect methods, and the trade secret set up here is that if Park discloses the names of the men he uses to fraudulently obtain goods from Hartman, it will prevent him in the future from fraudulently obtaining goods in that way. Well, that is hardly a trade secret that should be protected by the Courts.

The line of examination here, in the opinion of the Court, was legitimate, and counsel for the plaintiff in the case has stated to the Court here that it his purpose and intention to keep within the rule of relevancy and not to call out or seek to call out from this witness anything that would not be entirely relevant to the issue in the replevin suit. It has been suggested that the Court should instruct counsel as to the line of questions to which the examination should be confined. The Court cannot do that. Counsel on both sides are able: they know what is relevant to the issue. It is a simple issue and they know what is relevant to the issue and the Court expects them, of course, to keep within the rule and not go outside of it to ask impertinent questions which may be annoying to the witness, but would not contribute anything to throw light on the matter under investigation. I take it there will be no trouble on that score. What this witness knows relative to the transaction under investigation in the Federal Court at Buffalo should be disclosed and any documents or papers in his possession which may throw light on it should be produced. He should answer the questions and produce the papers and documents, if he has them, and the Court will so order.

Mr. Reed—As to the subpoena—do you not want us to issue a formal subpoena?

The Court—Well, I had forgotten that. I am in doubt as to whether it is necessary, but it seems to have been the practice, and I will conform to the practice and make an order directing the Clerk of this Court to issue a subpoena duces tecum for the books and papers called for.

Mr. Shroder—I do not insist upon the issuing of the subpoena; I am satisfied with the order, Your Honor.

The Court—Very well, then.

Mr. Shroder—There is one line of questioning which I would like to have defined, so as to avoid any future controversy, if possible, and that is those questions that relate to what John D. Park & Sons Company did with the goods after they received them. I submit that is plainly irrelevant to the issue, and immaterial.

The Court—Well, I do not see the relevancy of that.

Mr. Reed—I do not intend to pursue that, Your Honor, or to ask for any names.

The Court—There is one feature of the case that justifies counsel in going farther than he

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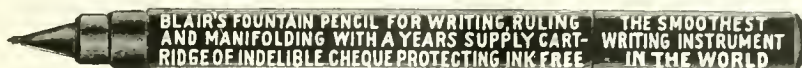
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It is **QUALITY** that you want in the purchase of Soda Fountain Supplies. We guarantee our goods to give the **HIGHEST SATISFACTION!** Superior to any other line in flavor, quality and uniformity.



The attractiveness of our packages bespeaks the quality of their contents.

Our advertising may be copied, our packages imitated, but our goods cannot be duplicated elsewhere.

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J. Hungerford Smith Company

MANUFACTURERS OF "TRUE FRUIT"
SODA FOUNTAIN REQUISITES.

Toronto, Ont.

would otherwise be entitled to go. This is an unwilling witness and in a measure might be dealt with as if upon cross-examination. But counsel should keep strictly within the line of relevancy and not go into the private business of this firm, which has no reference to the matter now under investigation.

Mr. Reed—I do not intend to examine as to the disposition of the goods at all, specifically.

The Court—As now advised, I can not see what relevancy it would have to show what they did with the goods afterward.

THE CENTAUR CO. vs. IMITATORS

The Centaur Company still continues its warfare against counterfeiters and the last case reported in the daily press from Detroit, Mich., ought to be a sufficient warning to the would-be Castoria makers. It follows:

"A permanent injunction has just been granted by Judge Swan of the United States Circuit Court against the Moxon Liniment Company of Mount Clemens, Mich., on complaint made by Chas. H. Fletcher, of New York city, charging the Mount Clemens concern with imitating Castoria.

The decree orders the defendant company to turn over for destruction all wrappers, labels, electro-plates, etc., and in addition must, besides all the costs of the courts, pay the Fletcher Company two hundred and fifty dollars, in lieu of damages."

Men who depend upon the achievements of others for success usually meet this same end, and it is no straining of the word justice to say they deserve even harsher treatment.

QUEBEC PHARMACEUTICAL ASSOCIATION'S ANNUAL MEETING

The thirty-fifth annual meeting of the Pharmaceutical Association of the Province of Quebec was held in the Montreal College of Pharmacy, 595 Lagauchetiere Street, on Tuesday, June 13th, at 10 a.m., fifty-two members being present, including representatives from Quebec, Three Rivers, Sherbrooke, and Waterloo. John E. Tremble, of Montreal, President, occupied the chair.

The meeting was called to order by the chairman calling upon Mr. E. Muir, Secretary-Registrar, to read the minutes of the previous meeting which were duly confirmed. The annual report and financial statement, having been published in advance and mailed to the members, on motion it was resolved, that these be taken as read. The President then gave his annual address, reviewing the work of the year and touching upon various points of interest to the Association. This address will be published in full, when the complete report of the Association work

for the year will be printed and mailed to the members.

The President now declared the meeting open for general business and discussion in which a number of the members took a lively part.

The scrutineers having completed their work handed in the following report: That they had received 117 voting papers, four of which were irregular, and that the following six gentlemen had received the highest number of votes polled and were therefore duly elected as members of the Council for the ensuing two years, namely: J. E. Tremble, A. J. Laurence, W. H. Chapman, S. Giroux, Jr., R. W. Williams and J. E. Morrison. These, with Messrs. A. E. DuBerger, Joseph Constant, Henry R. Gray, Alex. B. J. Moore, J. E. Dube and S. Lachance will compose the Council for the year 1905-6. The election of officers, and that of the Preliminary and Major and Minor Boards of Examiners will take place at the first meeting of the Council, on July 5th next.

PAYING INTEREST

Making a profit on other people's money is not as easy as is frequently represented.

The man who has money to let usually wants as much as it is worth. If the security is first-class the rate is low, but the proposition will stand no better rate.

In a new country where the retailer can get long profits for a time he pays from eight to twelve per cent. for money. After he has operated for some time he finds he is paying a good rate on a large amount which yields him nothing.

In other words, he has on his books thousands of dollars past due which pay no interest. He pays for the use of that money.

But, he says, there is the profit on the goods.

Then put it another way: he breaks even on interest but has no profit left. This interest which he pays at one end eats the profit which he ought to make at another.

Results tell the story.

The man who can pay eight per cent. interest on a part of his investment and retail goods at a profit to-day is a remarkably good financier.

The merchant who discounts his bills thinks the game is hard enough. When it comes to doing without that discount and adding eight per cent., he considers it a losing game.

It takes money to make money in retailing. That is the story in any business.—Ex.

WILSON'S FLY PADS

One of the best selling articles handled by the retail drug trade in the summer months is Wilson's Fly Pads. Just keep a box on the counter where your customers will see them and note how they sell themselves.

Formulary

MOUTHWASHES

EUCALYPTUS MOUTHWASH

Thymol	0.25	Gm.
Tinct. Eucalyptus	15	Gm.
Absolute Alcohol	100	Gm.
Oil Peppermint	1	Gm.

PEROXIDE MOUTHWASH

Thymol	0.5	Gm.
Menthol	0.5	Gm.
Alcohol	50	Gm.
Tinct. Krameria	30	Gm.
Hydrogen Peroxide (12 per cent.)	120	Gm.

A few drops are to be used with a tumblerful of water.

MOUTHWASH TABLETS

Heliotropin	0.01	Gm.
Garantose	0.01	Gm.
Salicylic acid	0.1	Gm.
Menthol	1	Gm.
Milk sugar	5	Gm.
Spirit rose	sufficient	

Divide into 100 tablets.

In order that the tablets may yield a nicely colored solution, they are colored with eosine, chlorophyll, or indigo-carmin. A tablet thrown into a glass of water affords a pleasant mouthwash.

CAMPHOR CREAM

Castile soap (in shavings).....	1½	ozs.
Camphor	360	grs.
Ammonium chloride	1½	ozs.
Water of ammonia	1½	ozs.
Oil of turpentine	6	drs.
Water	12	ozs.

Dissolve the soap in one-half of the water previously mixed with the water of ammonia, and the ammonium chloride in the other half. Mix the solutions well, and add the camphor dissolved in the oil; then agitate briskly until an emulsion is formed.

SHAMPOO PASTE

1. Soap, good white, shaved 2 parts.
Ammonia water 2 parts.
Bay rum or cologne water 1 part.
Glycerin 1 part.
Water 12 parts.

Dissolve the soap in the water by the aid of heat, remove from fire, let cool down, and when nearly cold, add the rest of the ingredients.

With eggs :

2. Ammonia water 3 parts.
Cologne water 3 parts.
Alcohol 40 parts.
Water 40 parts.

White of egg, sufficient.

The albumen, well-beaten up, is added to the ammonia and water, previously mixed, then add the other ingredients. To make it first-class, about 2 eggs should be used to the pint of shampoo.

3. Borax, powdered 2 parts.
Glycerin 1 part.
Rum 20 parts.
Cologne or bay rum 5 parts.
White of egg, sufficient.

Rub up the borax with the glycerin; add the rum and cologne, or bay rum mixed, little by little under vigorous stirring. Finally, add the white of egg (2 to the quart), previously well beaten up, and stir until thoroughly mixed.—Nat. Drugg.

IMPROVED CARBOLIC ACID OINTMENT

Carbolic acid	dr.	2½
Camphor	dr.	4
Lanolin	oz.	1
Oil sassafras	m.	15
White wax	dr.	6
White petrolatum	oz.	8

Melt the carbolic acid and the camphor and add the oil sassafras while warm. Melt the lanolin, wax and petrolatum; add the camphor solution and stir while cooling.

CREOSOTE WINE

Creosote beechwood	10	Gm.
Alcohol (90 per cent.)	90	Gm.
Syrup	100	Gm.
Malaga wine	800	Gm.

WART REMOVER

Chloral hydrate	1	Gm.
Salicylic acid	4	Gm.
Acetic acid	1	Cc.
Ether	4	Cc.
Collodion	15	Cc.

COSMETICS FOR THE SKIN

To make the skin soft and give it a fresh, healthy aspect, says the Pharmaceutische Centralhalle, (Nat. Drugg.), glycerin jellies are generally preferred. Most of these preparations now on the market are transparent, sticky thick liquids, of which many, on long standing form a light, cloudy precipitate. Dion, after having examined several of the best of these preparations, recommends the following :

1. Starch 15 parts.
Carrageen mucilage 240 parts.
Boric acid 7.5 parts.
Glycerin 120 parts.
Cologne water 120 parts.

Boil the starch with the mucilage, add the acid and glycerin, and, after the mass cools, the cologne water.

2. Linseed mucilage 240 parts.
Boric acid 2 parts.
Salicylic acid 1.3 parts.
Glycerin 60 parts.
Cologne water 120 parts.
Rose water 120 parts.

Instead of cologne water other extracts or perfumes may be used, especially commendable is lilac or Ylang-Ylang.

**Do not confuse
Alphozone with
other preparations
for similar purposes**

**Disuc-
cinyl
Peroxid**

**It is just as different from others as Nitric
Acid is from Sulphuric.**

**Alphozone is non-explosive, not mixed
with any inert substance and therefore the
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tiseptic that can be offered in Tablet form.
Immediately soluble and available. The
powder is marketed in quarter, half and
one ounce bottles.**

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Tablets to the bottle.**

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possesses no superior in quality, perfectly adhesive--sufficiently invisible--beautifully boxed at three fifty the dozen.

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July '06.

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is the only book which contains satisfactory explanations of all doubtful points in the British Pharmacopoeia. It is also the latest and most practical Text-book of Pharmaceutical Chemistry, Official Materia Medica, and Pharmacy. The work is indispensable to Students preparing for Pharmaceutical Examinations.

PRICE, \$4.00 POSTPAID

CANADIAN DRUGGIST - - TORONTO, CAN.

Dose Table B.P. 1898

This table, which appeared originally in THE CANADIAN DRUGGIST, has been carefully compiled and is now published in sheet form on heavy paper, suitable for tacking up in the laboratory, class-room or study. It has been found very helpful for

Students in Pharmacy and Medicine

and should be in every dispensary as a ready reference. The drugs and preparations of the British Pharmacopoeia 1898 are all classified under the dose designated by the Pharmacopoeia and are so arranged as to be seen at a glance. A copy of the table will be mailed to any address on receipt of **10 Cents**.

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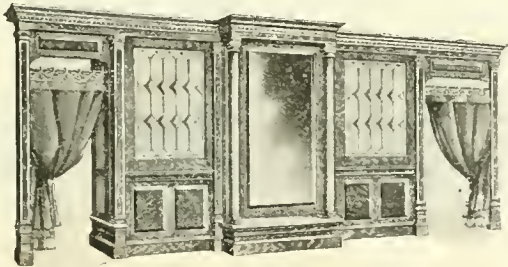
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PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale Drug House in Canada can supply, or Indents may be sent direct to Manchester

STAUNTON'S 1906 WALL PAPERS

Each season the "Staunton" line has reflected improvement, each year makes improvement more difficult, and yet when you inspect the new samples you are impressed with the fact that the Stauntons have excelled themselves. This evident advance is found in all grades, from the lowest priced goods up through every range of patterns, showing that thoroughness of color treatment that has made this company's wall paper distinctive. There is a something in the coloring that attests the superintendence of a color expert, with a practical appreciation of color values as applied to wall decorations, and the result is that characteristic difference which makes these goods so popular, easy selling and profitable to handle.

The low priced styles are pleasing in design, bright and snappy in coloring, and show careful attention to an endeavor to make them acceptable and serviceable.

The decorative value of a wall paper should determine its retail value, not the wholesale cost, and the showing of medium priced goods is really a leading feature.

In the exhibit of higher class goods the "Staunton" line is unique, for it appears to us the Canadian wall paper dealer should no longer find it necessary to look among foreign manufacturers for his specials; many specialties having a real practical value in interior decoration are shown in attractive miscellany. We will mention some of them.

A novelty in frieze decoration is graceful, floral festoon so drawn that it may be scalloped, which adds materially to its effectiveness when used with plain stripe and stencil hangings. This frieze has a special silk moire ceiling, and is also produced in a range of coloring to match silks, velours and ingrains.

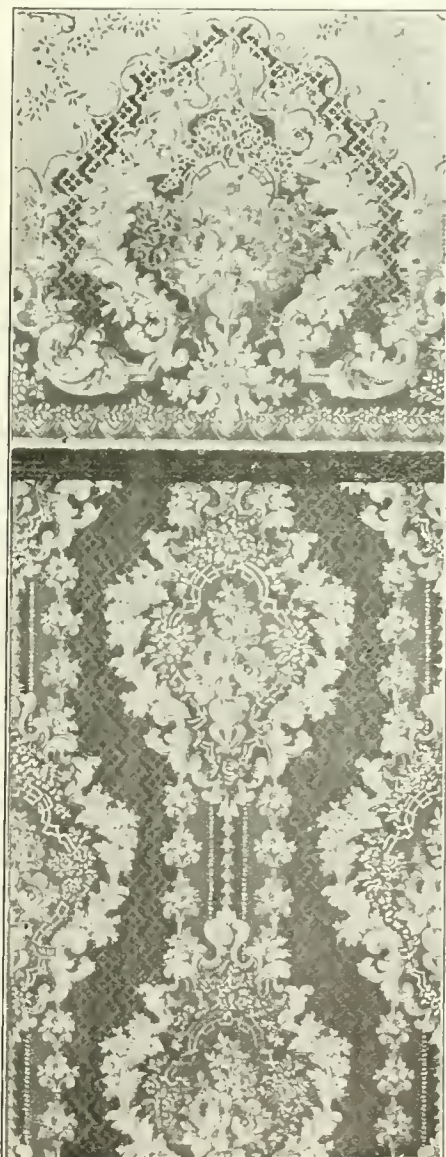
The grass cloth effects should prove an acceptable substitute for ingrains for those desiring a mellow, rich yet quiet and furnishing wall treatment, or a soft, beautiful two tone on imported German velours, rich as velvet, may be preferred. This line of goods is worthy of careful inspection, as wall papers of this character have not been attempted in Canada, and have been manufactured only by the leading foreign mills, and the production of these high class papers is very complementary to the progress of our home manufacturers.

We are shown an assortment of fabric, textile and tapestry effects on pulp tints that have every appearance of being a product of the loom, and not simply the combination of color judiciously and expertly applied to paper, also an interesting variety of stencil patterns in imperial and conventional designs, and plain and orna-

mental stripes in self tone color treatments.

A most effective wall covering is a Burlap weave produced in many remarkably good and useful colorings, which we would consider very appropriate in the deep and richer colorings for wainscotings, yet can also be recommended as a wall covering for halls, dens and dining rooms, to be finished with a landscape or scenery borders and clouded ceilings, of which some artistic examples are shown. These landscape borders, one band and two bands, are also offered in colorings to match velours and ingrains.

This very interesting exhibit closes with the showing of Miroveda, embossed pulps, a new decorative material, on which the pattern is brought out in relief. The goods have the soft pleasing appearance of pressed leather, and it is expected will supersede the plain fibre papers which have been on the market for many years and have somewhat lost popularity. Stauntons, Limited, enjoy the control of these goods in Canada, and they anticipate a ready demand from the better class of dealers.



Optical Notes

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics,
Toronto.

SIMULATION OF BLINDNESS

The above subject, although somewhat outside the province of the optician, is, we believe, sufficiently interesting to them to command their attention.

We frequently meet with persons who try to convince us that their eyesight has been damaged or destroyed as the result of some accident, and often with the design of securing damages from their employers. A recent case presented himself with the above objects in view, having been referred to the writer by the patient's family physician and legal adviser, both of whom were thoroughly convinced that their patient and client was entitled to monetary consideration for loss of vision sustained. It took but a few minutes to determine that the patient was malingering and making an effort to secure something by fraud. The following simple means will usually show whether the eyesight is affected or not:

- (1) Where complete blindness in one eye is claimed ask the patient to look at his own hand held in front of him, the sound eye being covered. When real blindness exists, the patient will look at his hand, being directed thereto by the sense of feeling; a malingerer will likely purposely look in a wrong direction.
- (2) A lighted candle is held before the sound eye and gradually carried to the side of the supposed blind eye until the candle is hid from the sound eye by the bridge of the nose, when, if the patient still says he can see the candle plainly it shows sight in both eyes.
- (3) Hold a pencil in a vertical position before the eyes and a book and ask the patient to read. The pencil will hide some words from each eye but not any word from both eyes at the same time. If now, with the pencil thus held, the patient can read right along without moving pencil or head it shows vision in both eyes.
- (4) Presuming the patient is emmetropic, place, say a + 6.00 Dioptre lens in front of the sound eye. He will then not be able to read ordinary print at a greater distance than six and a half inches. With both eyes open hold the book near the eyes and gradually remove it. If he is able to continue reading beyond the above distance it proves he is doing so with the bad eye.
- (5) Have a series of letters on a black background, each letter being alternately red and green. Put the trial frame on the patient with a red glass in front of one eye and a green glass in front of the other eye. The patient cannot see the green letters through the red glass or the red letters through the green glass. If he now reads all the letters easily it shows vision in both eyes.

There are many other objective ways of detecting malingering, but the above are the principal ones of interest to opticians.

SHORT SIGHT

The German military authorities are becoming somewhat alarmed at the effects of modern life on the seeing capacity of the growing generation. Leaving ordinary privates out of the question, about three thousand otherwise thoroughly able-bodied one-year volunteers have to be refused annually, owing to their short-sightedness, by the military doctors. This is not only a serious matter in itself, but it may soon have the most important consequences, for it is on this class of men that the authorities chiefly depend for the reserve of officers. The increasing short-sightedness is ascribed in the first place to long-continued poring over school books, and in the second place to the limited horizon presented in towns, finally rendering the eye powerless to distinguish objects at a distance. Captain Von Ziegler, in a lecture on the subject, strongly recommended schoolmasters to take the question into consideration, and recommended eye drill at every possible opportunity. Dr. Kaesebieter, who joined the discussion after the lecture, stated that in the upper class at the gymnasium in Wiesbaden, which is constituted of scholars in the last year of their nine years' course, and all of whom would, in the natural order of things, become one-year volunteers, seventy-four per cent. are short-sighted.

THE RELATION BETWEEN PRESBYOPIA AND THE RANGE OF ACCOMMODATION; A SIMPLE AND CONVENIENT FORMULA

Outside the covers of text-books there is need of some practical method of quickly and accurately determining the reading lenses for presbyopes, who, states Dr. Eaton in the "Ophthalmic Record," often, from conditions of general environment and occupation, require lenses quite different from those indicated by ocular physiology—as, for instance, their age. The empirical selection of reading and occupation glasses is often untrustworthy. Text-book "rules" and routine methods have, it is to be regretted, many lamb-like followers. Among the conditions modifying the regular physiologic recession of the near point may be mentioned the following:—

1. Nerve fatigue (so-called neurasthenia) from defective metabolism, malnutrition, deficient sleep, excesses, etc.;
2. anisometropia;
3. hysteria;
4. convergence excess;
5. convergence insufficiency.

When the patient's health is excellent and habits correct, Dr. Eaton has found Landolt's rule (see *The Refraction and Accommodation of the Eye*, p. 339) to work well, i.e., one-third of



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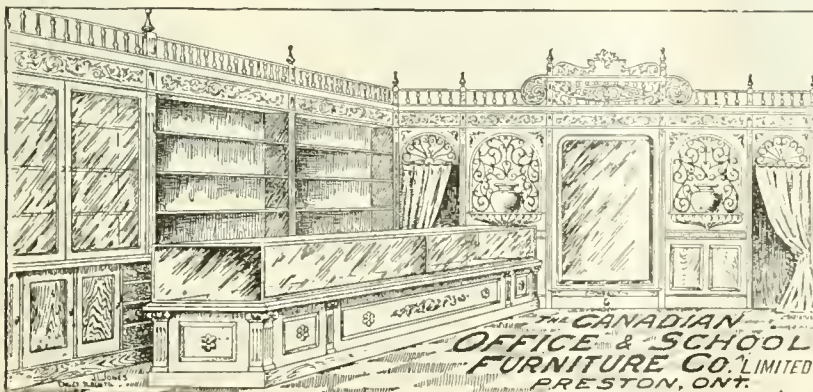
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COURSE IN OPTICS

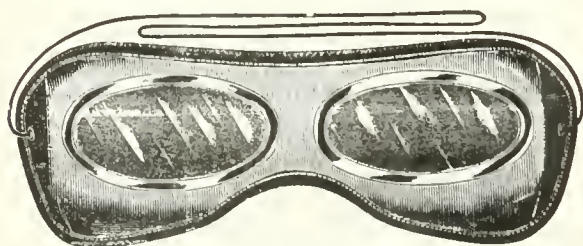
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the range of accommodation (all errors of refraction being corrected) must be kept in reserve. For instance: An emmetrope, aged 50, has 2 D. of accommodation. To read comfortably at 3 D. (13 inches) he is lacking one diopter, to which we must add 1-3 of 2 D., or 0.66 D., making his reading lens + 1.66 D. If a patient of the same age has 1.50 D. of hyperopia, we, of course, add this amount to the lens just found, making the lens + 3.16 D., or practically + 3.00 D., or + 3.25 D.

To expedite this process of selection Dr. Eaton has worked out a simple formula, thus—analytically it is, where p = the punctum proximum, and l the lens to be added for presbyopia: $(3-p) + \frac{p}{3} = l$. That is, the difference between the reading point in diopters, 3 D., and the punctum proximum + divided by 3 = the lens. Clearing the equation, $\frac{9-2p}{3} = l$. Conversely, by transposing, $\frac{9-3l}{2} = \text{punctum proximum}$. We simply deduct from 9 twice the punctum proximum and divide by 3. This calculation takes but a few moments. The above case of an emmetrope, aged 50, gives: $\frac{9-2+3}{3} = 1.66\text{D.}$

Where neurasthenia, hysteria, and convergence anomalies are present the case must, of course, be treated individually, and the lens may have to be weaker or stronger than indicated by the formula, and it is needless to state that in the great majority of cases as complete cycloplegia as is possible is the keystone to success. In closing, Dr. Eaton is particularly desirous of recommending the routine and careful use of the admirable "refraction ruler" of Dr. A. E. Prince, for the estimation of the range of accommodation.

OPTICAL CLASS IN ST. JOHN. N. B.

Dr. W. E. Hamill, principal of the Canadian College of Optics, will personally teach a class in optics at St. John, N.B., commencing on Monday, July 17th, at 4 p.m. and lasting for two weeks. The course of lectures will be exactly the same as he has delivered at the college here in Toronto for the past 10 years and the same diploma will be granted to the students. This will be an unusual opportunity for those in the Maritime Provinces desiring to secure a knowledge of how to fit spectacles at their very doors from expert hands at the same price as they would have to pay in Toronto. For further particulars intending students can write Dr. Hamill, Janes Building, Toronto, direct, or to The Imperial Optical Co., St. John, N.B., under whose auspices the class is being held.

A BANQUET AND PRESENTATION

On the occasion of his silver wedding, Mr. James B. Baxter was on Saturday night tendered a complimentary dinner and presented with a handsome French clock at the National Club. The dinner was given by the directors of Stauntons Limited, wall paper manufacturers, with whom Mr. Baxter has been associated since 1872, as an acknowledgment of long and faithful service. Speeches appropriate to the occasion were delivered by Mr. T. A. Staunton, president, and E. G. Staunton, vice-president, the guest also making an appropriate response.

TORONTO EXHIBITION PRIZE LIST

The prize list for the Canadian National Exhibition, Toronto, Ont., which this year will be held from Aug. 29th to Sept. 9th, both days inclusive, has come to hand. Every class has been thoroughly revised and in many cases added to. The premiums to be distributed amount, including medals, plate and specials, to upwards of \$40,000 in value, of which \$35,000 is in actual cash. Field Marshal Lord Roberts, V.C., is expected to officiate at the opening ceremonies on Tuesday, Aug. 29th, and to be a constant visitor during the first week. The famous band of the Irish Guards, considered the finest military musical organization in the United Kingdom, and the favorite household band of His Majesty the King, will give two concerts on the grounds daily. Pictures and art treasures loaned by the King (Abbey's great Coronation picture being included), the Corporation of the City of London, the Republic of France, South Kensington Museum, Right Hon. Lord Strathcona and Lieut.-Governor of Ontario, Hon. Mortimer Clarke, will contribute to the most magnificent and most historical display of art ever made on this continent. Entries close Aug. 15th. Copies of the prize list and entry blanks can be had on application to J. O. Orr, Secretary and Manager, Canadian National Exhibition, City Hall, Toronto.

PHILATELY

On board his ship-rigged Valhalla on her long race recently with other yachts, across the Atlantic, the Earl of Crawford had his famous collection of United States stamps, which is generally conceded to be the finest in the world. The Earl is as enthusiastic a philatelist as he is a sportsman. His collection of stamps is valued at \$100,000. Wherever the Valhalla has sailed it has carried this philatelic treasure with it. In each port where she has been—and these are all over the world—her owner has been on the lookout for any rarity that would fill a gap in his magnificent collection.

Great Britain, it is said, can claim the honor of having originated the postmark. The first one, which was used in London as long ago as 1660, was a very simple affair, consisting of a small circle divided into two parts. In the top portion were two letters indicating the month, while in the lower half the day of the month was shown. No endeavor was made to show the year, and it is only by dates of the letters on which the mark is impressed that it is possible to fix the date of its use. The earliest known was on a letter written in 1680.

BULLETIN OF THE LLOYD LIBRARY

OF Botany, Pharmacy and Materia Medica, Bulletin No. 7, Reproduction Series No. 4, containing "an account of some of the vegetable productions naturally growing in this part of America," botanically arranged by the Rev. Manasseh Cuttler, F.A.A. and M.S. J. N. & C. G. Lloyd, Cincinnati, Ohio.

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc., 50 cents for 25 words or less; subsequent insertions 25 cents. Send cash with order.

ATTENTION!

On a special plan I buy and sell drug stores; furnish positions, and drug clerks to employers and locations for physicians, etc.

F. V. KNIEST, R. P.

N. Y. L. Omaha, Nebr., U. S. A.

REFERENCES:—Any Omaha Jobber or Bank.

FOR SALE

Retail Drug Business, established 22 years. Owner wishes to retire from active trade, can give lease to year 1910. U.S. post office station located in store. No cut rate, no experiment. Address

GEO. H. WHIPPLE,

525 Majestic Building Detroit, Michigan.

Drug Report

Business during the past month has been a little on the quiet side. The general report from the country is that there is so little sickness that doctors and druggists have very little to do.

A number of new chemicals will be found added to our list this month and the list is so complete we feel sure that druggists through the country will find it very useful in getting values of many articles not usually stocked by retailers.

Magresias have been very much advanced by the manufacturers, who say they have not been making any money for some time on this item.

No other changes of any importance have occurred during the month, and the minor ones will be found by referring to the Price List.

CHANGES IN PRICE. D—DECLINED; A—ADVANCED

D. Ammonia Bicarbonate	Oz.	.25
A. Calcium Sulphate Precip.....	Oz.	.10
A. Calcium Sulphocarbolate.....	Oz.	.25
A. Codeia Hydrochlor, each.....	$\frac{1}{8}$ th	\$1.00

A. Ethyl Iodide	Oz.	\$1.00
D. Glass Wool	Oz.	.50
D. Glycerine, "Price's"	1 lb.	.60
D. Gum Shellac-Orange	1 lb.	.45
D. Lenigallol	Oz.	.65
A. Magnesia Carb	Oz.	.25
A. Magbesia Carb, Ponderous	1 lb.	.45
A. Magnesia Carb, Powdered	1 lb.	.20
A. Magnesia Calcined	1 lb.	.50
D. Oil Castor, English 1sts	1 lb.	.10
D. Oil Castor, English 2nds	1 lb.	.9
D. Oil Cod Liver, Nild	Gall	\$1.75
D. Oil Cod Liver, Norway	Gall	\$2.25
A. Oil Mace, Essential	Oz.	.20
D. Quinine Sulph, German	Oz.	.28
D. Quinine Sulph, Howard's	Oz.	.34

NEW GOODS

Cocaine Salicylate, 5 gr. tubes, each....		.40
Strychnine Glycerophosphate	Oz.	\$3.20
Magnesia Ammonia Phosphate	Oz.	.20
Stannous Nitrate (Solution)	Oz.	.30
Selenin, in sticks	Oz.	\$2.50
Acid Sulphocarbolic	Oz.	.10
Tartarux Boraxatus	Oz.	.20
Nitro Benzene	Oz.	.20

CHANGE IN STYLE, SIZE, AND PRICE

Druggists are requested to return to us all Liquid "Rough on Corns," they may have in stock, for credit or exchange for the new style, which is a square bottle, in carton, holding double the amount of the old style round bottle, with patent tip cork and brush attachment, preventing evaporation, and retailing at 25c. and oblige.

Very respectfully yours,

E. S. Wells,
706-708 Grand St.,
Jersey City, N.J.

SELLING AGENTS WANTED

Messrs. H. Salle & Co., 4 Rue Elzevir, Paris, France, exporters and importers of crude drugs, and growers of French herbs, are desirous of appointing agents in the principal cities and towns of Canada and the United States. They make a specialty of Irish Moss, and among the lines handled are Chamomiles, Red Roses, Galega herb, French Cannabis Indicus, and all kinds of drugs and alkaloids. They also solicit offers of American-grown drugs.

HIS TEMPERATURE

A Scotch doctor who was attending a laird had instructed the butler of the house in the art of taking and recording his master's temperature with a thermometer. On repairing to the house one morning he was met by the butler, to whom he said, "Well, John, I hope the laird's temperature is not any higher to-day?"

The man looked puzzled for a moment and then replied: "Weel, I was just wonderin' that mysel'. Ye see he died at twal o'clock."—Kansas City Independent.

The Canadian Druggist

VOL. XVII.

TORONTO, AUGUST, 1905

No 8

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

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Telephone, Main 3203

TORONTO, ONT.

Cable Address: SAYD, TORONTO

OBJECTIONABLE LEGISLATION

In a recent issue we called attention to the imposition of a tax by the Legislature of British Columbia on travelling representatives of foreign houses, as also on those of any of the other provinces of the Dominion, who attempted to do business in that province, and which has already proved a hardship, not merely to the travellers, but also to those dealers who display sufficient enterprise to import their own goods. Unfortunately some legislators in their desperation to secure a revenue and make a reasonable showing for their efforts, fall into the error of endeavoring to make people outside their own province contributors to their assets, regardless, it appears to us in the case in point, of the injury which it works on those of their own residents who not only are amongst the largest contributors to the revenue, but also who are obliged indirectly at least to suffer from such legislation as has been enacted in British Columbia, and which has also been passed in the Province of Quebec.

Such legislation can only be called retrogressive rather than progressive, and certainly is not in touch with the Imperialistic idea which is paramount in Canada to-day, when it is applied to the representatives of British firms.

Although the legislature in Quebec imposes a tax of \$300 per annum on any commercial travel-

ler employed by firms having no place of business in the Dominion, yet, we believe, it will fail to effect its intended purpose, as importers can do business from points such as Ottawa, which are contiguous to the Province of Quebec, and but a short distance from Montreal, its commercial centre.

The news now comes from Ottawa that the British Columbia Legislature will be asked by the Federal Government to withdraw the act imposing a tax on commercial travellers representing houses not domiciled in that province, and it is probable that similar action will be taken in reference to the Quebec Act, and, in case of noncompliance with the request, that both these statutes may be disallowed as trespassing on the domain of the Dominion Parliament, which possesses exclusive control over the regulation of trade and commerce.

We hope that prompt action will be taken and that this legislation will be quickly removed from the statute books of these Provinces either by disallowance by the Dominion Cabinet, or by its repeal at next sessions of the Local Houses.

TRADING STAMPS

Elsewhere in this issue we give the full text of the Bill which has been passed as an amendment to the Criminal Code, section 526A, for the suppression of trading stamps. It will be noticed that the definition includes "besides trading stamps commonly so-called, any form of cash receipt, receipt, coupon, premium ticket or other device, designed or intended to be given to the purchaser of goods by the vendor thereof or his employee or agent and to represent a discount on the price of such goods or a premium to the purchaser thereof."

One point to be observed, however, is that the Bill does not interfere with "any offers printed or marked by a manufacturer upon any wrapper box or receptacle in which the goods are sold, or of a premium or reward for the return of such wrappers, boxes or receptacles, it not being a trading stamp within the meaning of the Bill."

The demand for legislation against the trading stamp nuisance, as it is termed, has been very general, and our legislators at Ottawa have evi-

dently taken up the matter in deep earnest, the only question being whether they have not gone a little too far. It has not been proved that there was anything immoral nor in the character of a lottery or other "chance" scheme in connection with the trading stamp system. It certainly has been a detriment to business in that it caused a discrimination between merchants doing business in the same line of goods, and it is a very difficult matter to convince the general public that they never get anything for nothing, but always have to pay, if not directly yet indirectly for any supposed favors.

The Act will not apply to any trading stamps issued by any manufacturer or vendor before the first day of Nov., 1905. As it has now passed its third reading there is little doubt that it will become law.

BUSINESS PROSPECTS

There is no doubt that the average Canadian is to-day inclined to be quite optimistic as to the future of Canada in regard to increase in population and also in the wonderful development in all lines of trade and commerce. The last two years, while largely in excess of previous years, both as regards emigration from Europe and also in the large crops which have been harvested, mainly in the Northwest, will be in all probability quite eclipsed by the returns for 1905.

Not only has emigration been greatly in excess of previous years and on the whole with a very desirable class of settlers, but the crop reports which have been received from all portions of the Dominion, point to an exceptionally large harvest, this being the case in the older Provinces of Ontario and Quebec, and to a still greater degree in Manitoba and the Northwest Territories, the latter soon to be christened as provinces of the Dominion, instead of Territories. From reliable reports received from Manitoba and the Northwest it is estimated that the wheat crop will this year be not less than 100,000,000 bushels, from the 4,000,000 acres which are under cultivation.

In Ontario and Quebec crops are above the average, while in the Eastern provinces as far as we can learn the same statement applies.

British Columbia is well to the fore in fruit raising this year, having a phenomenal crop, and its mines have during the last 12 months shown wonderful activity and with excellent results.

With all these facts before us, there is no wonder that all Canada should be optimistic and should face the future with an assurance that our era of prosperity cannot, as far as ordinary judgment can see, receive any check for many years to come, and that although Canada was supposed a year or two ago to be growing with "leaps

and bounds" our progress now is still more rapid, and on a firmer basis than ever.

And what does this mean to the retail druggist? It means a great deal; increased business everywhere, more ready money in circulation and less credit to be given in those places where heretofore it has been too much asked for, and consequently more prompt payments to the wholesale trade, thereby securing the cash discount.

It means also in many instances increased accommodation for doing business and also the alteration and beautifying of many drug stores, as well as the opening of branches or additional businesses in suitable localities.

To the druggist as well as to all classes of tradesman and professions this era of progressiveness should and will mean developments along all lines and which we have no doubt will be fully taken advantage of.

NO DISCOUNTS

The doctors of Peterborough, Ontario, at a recent meeting, decided that after July 1st, 1906, no contract work would be accepted and that all members of the profession who have contracts with lodges, factories and sick benefit societies will refuse to do work on that basis after the date named. It is certainly time that such a step should be taken by all medical men and it is also quite time that druggists should cease dispensing prescriptions on the contract system.

Druggists do not as a rule obtain any too high prices for their prescription work and when a rebate is made as is done all over this country by certain druggists in order to secure the "lodge" custom, it means not only a lowering of the dignity and placing a light estimate of the value of their work before the public, but it also means unfair competition with their fellow druggist, and, what is still more to be deplored, giving prescription work at a price not at all commensurate with the time and skill employed, to say nothing whatever in many instances of the value of materials used. The dispensing of prescriptions should be the money-making part of the business, for exactly the same reason that the physician obtains his fee. It is for the knowledge exhibited and not for the manual labor performed.

AMONGST THE TRADE

Amongst the latest additions to the ranks of the druggist-opticians are J. G. Wright, Toronto Junction, and J. E. Neville, Berlin, both of whom have taken the optical course and put in stocks of goods.

Mr. Frederick C. Arner, general manager of the South American branch of the Fulford, Hanson

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**WHOLESALE
DRUGGISTS**

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

Co., of Schenectady, N.Y., the American headquarters of G. T. Fulford & Co., Brockville, Ontario, ("Pink Pills"), was married July 12th to Miss Carrie Alene Deming, of Windsor, Ontario. Mr. Arner's headquarters are at Buenos Ayres.

Nearly 40 of the friends of Ernest Stokes, who has been dispensing chemist at J. E. D'Avignon's drug store, Windsor, Ontario, for the past few years, gathered at Wolf's resort, July 13th, to give him a farewell supper, prior to his leaving for the Canadian Northwest. At the conclusion of the entertainment Mr. Stokes was presented with a handsome signet ring by the chairman. The guest of the evening made a feeling response and thanked his many friends for their elegant gift.

CULTIVATION OF MEDICINAL HERBS, ETC.

In our correspondence column will be found letters bearing on the above named subject and asking for information, some of which, possibly a number of our readers can supply us with.

As to the amounts imported, this information can only be obtained from the Department of Trade and Commerce, at Ottawa, and we hope to secure it in time for next issue.

The unfortunate part of the enquirer's case is the nature of the soil designated and which is certainly not conducive to the growth of most of the plants named.

Seneca root is largely grown in Canada, and is an article of export, as also is Ginseng root, for which there is a large foreign demand, more than our Northwest, where it is principally grown can supply. Golden Seal, Belladonna, Stramonium, Thyme, Saffron, Dandelion, Dock and Sage can all be grown here.

The Dandelion is mostly imported from Germany, the root being somewhat sweeter than that grown here, possibly from the fact that the Canadian root is not cultivated, but grows wild.

Any information which our readers can give us will we are sure be of interest, and we commend the action of the Provincial Government in its desire to further the growth of special crops.

THE NEW UNITED STATES PHARMACOPŒIA

The Eighth Decennial Revision of the Pharmacopœia of the United States of America has made its appearance, an advance copy having come to hand. This new edition of the Pharmacopœia consists of nearly 700 pages, being a much larger work than that of the Seventh Revision, involving five years of steady work on the part of the chairman and the members of the Revision Committee.

Mr. J. P. Remington, Ph.M., was the Chairman, and Messrs. C. Lewis Ditch and Reynold

Webb Wilcox, M.D., Vice-Chairmen, with Mr. Alfred R. L. Dohme, as Secretary.

While the model of the Pharmacopœia of 1890 has been in a general way followed out, still many changes, some of them very important, have been made, principally in the additions which have found their way into this, the Eighth Revision, the name by which it is known.

We find that 122 articles have been added in this edition, and 155 omitted. A prominent feature is noticed in the change of the nomenclature of many of the drugs, and also the admission into the Pharmacopœia of a number of Synthetical Compounds, which some may regard as being a mistake, recognizing as it does the use of proprietary preparations on which the patent restrictions either have expired or are about to do so. A very notable feature is the alterations in strength of many of the tinctures, and we are of the opinion that it would be rather an herculean task to persuade all the physicians of the United States to designate in their prescriptions the strength of the tincture desired, by naming it either U. S., 1890, or U.S., 1900. A number of the tinctures have been increased in strength, and others decreased, for instance the strength of tincture *Strophanthus* has been increased from 5 to 10 per cent., that of tincture of *Aconite* reduced from 35 to 10 per cent., and of tincture of *Veratrum* from 40 per cent. to 10 per cent.

In order to guard against any possible action being taken against the druggist for the sale of substances bearing the Pharmacopœia name, but which are not intended for use in medicine, but rather in the arts, etc., a declaration has been placed in the preface of the work, as follows:

"The standards of purity and strength prescribed in the text of the Pharmacopœia are intended to apply to substances which are used solely for medicinal purposes and when professedly bought, sold or dispensed as such."

A new word is coined, of which we question the advisability or the need. Instead of the former designation, *Extractum Fluidum*, it is now called "*Fluidextractum*."

An innovation, which we think is a step in the right direction, has been the insertion of the average doses of preparations. The change in nomenclature will probably for a time be the cause for some worry with pharmacists, until they have made themselves thoroughly acquainted with the new names, for instance *Acidum Carbolicum* now becomes *Phenol*, and *Arseni Trioxidum* is the new name for *Acidum Arsenosum*, and others of a similar character will be found throughout the work.

The volume as a whole certainly reflects great credit, not only on the Committee of Revision, but on American pharmacy as a whole, and the

mechanical appearance of the work is certainly excellent, the typography being clear and distinct, and the general arrangement excellent. We hope to still further refer to this work in a later issue. This Pharmacopoeia becomes official from Sept. 1st, 1905.

MR. B. A. MITCHELL

The friends, and they are many, of Mr. B. A. Mitchell, the veteran druggist, of London, Ont., will be pleased with the excellent likeness which we are able to present of that gentleman in these columns.

Mr. Mitchell can, we think, very reasonably be termed the pioneer druggist of Ontario, having commenced business in his present location on the eighth of August, 1846, so that in a few days he will have completed his fifty-ninth year of service as an active retail druggist.

Mr. Mitchell is now over eighty years of age, his eighty-first birthday occurring next month, September. Still hale and hearty he attends to business every day and seems good for many years to come. Our readers will, we are sure, be pleased to read the interesting career of the gentleman who is the subject of this article.



MR. B. A. MITCHELL

At the age of fourteen and a half years Mr. Mitchell was apprenticed to serve five years in the drug business, in Wimbourne Minster, Dorset, England. After serving his time, he took several positions on small salaries which discouraged him. There being no steamboats in those days, all sailing vessels, and Mr. Mitchell being of an ambitious disposition, embarked on board a vessel to learn sailing. This boat happened to be a timber ship going to Sierra Leone, Western Africa. Having knowledge of medicine he was appointed doctor of the ship. After loading with

African teak they returned to Free Town, the capital. The yellow fever broke out and he fell a victim and was taken to the hospital in Free Town. When convalescent he returned to England, but on the voyage owing to the death of a number of sailors he had to assist in the work of navigating the vessel and so became a good sailor.

After recuperating a few months in England he sailed for Canada in March, 1844, and after having a good voyage they reached New York in four weeks. Partly by rail and part by canal they reached Niagara Falls, then called Manchester, but owing to the ice breaking up they were compelled to wait at Lewiston for a week, when they were able to cross the river, from which they were pulled up the bank at Queenston. Then he proceeded by stage to Simcoe where he had a brother, John Mitchell, M.D., in the drug business, with whom he remained a few months. He then secured a position with a Mr. Marsh in Dundas, whose store was shortly after burned down. He then went to Hamilton and entered the store of Bickle & Son. He soon became acquainted with Messrs. J. Winer & Co., wholesale druggists. They had closed up Norval's drug store, in London, Ontario, and Mr. Winer sent young Mitchell up to take charge of the stock for them. In a short time business rapidly increased and they offered to sell the business to Mr. Mitchell on his own terms. In three or four years he owned the stock, and made sufficient to build the Gothic Hall (retail), which place he has occupied and owned for over fifty years. In addition he carried on a wholesale business in another building for several years, which was the founding of the London Drug Co., now Kerry Watson & Co.

Mr. Mitchell attends to business regularly every day and is still hale and hearty. He is known well throughout the whole of Ontario and numbers his friends by the hundreds, and those of his apprentices and clerks who have served under him who are still "in the flesh" wish him many years yet of health and happiness.

O. C. P. COUNCIL ELECTION

The contest in No. 6 District resulted in the re-election of Mr. J. R. Y. Broughton, Newmarket, by a majority of 14 over his opponent, Mr. Rosa-beck, North Bay.

Novel and attractive window displays may require study and hard work, but "practice makes perfect," and the results are worth the effort.

A crowing hen and a whistling maid make worse music than an asthmatic hand organ.

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This cut represents
Gin Pills
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With every three dozen ordered from your jobber,
we will give you half a dozen free.

YOUR PROFIT IS 85%.

Further comment is unnecessary.

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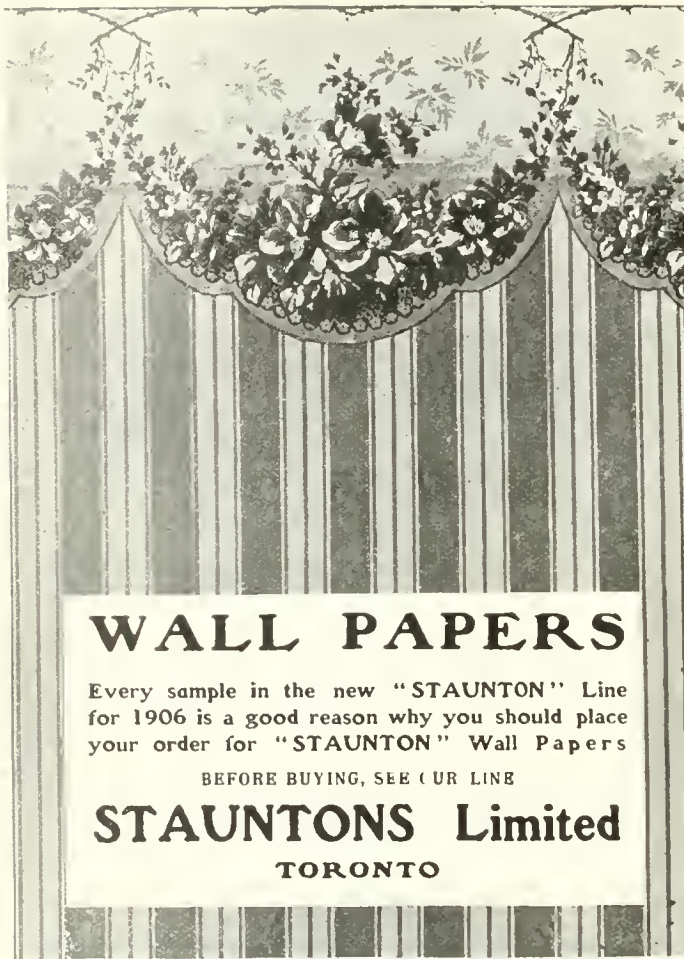
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Ask your JOBBER for it. Manufactured by

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Effervescent Sodium Phosphate

GUARANTEED STRICTLY PURE

Sold either in bulk or 25c.,
50c. and \$1.00 bottles.

The London Drug Co.

LONDON, ONT.

Correspondence

THE CULTIVATION OF MEDICINAL PLANTS

Department of Agriculture, Ontario.

Toronto, July 17th, 1905.

Editor Canadian Druggist:

Dear Sir,—I received last month a letter from Mr. John T. Gamble, Point Edward, which I have been holding in the hope of being able to look up some matters in connection with his questions, but I have finally decided that the best thing that I can do is to send you a copy of the same. Can you give us any help in answering this?

If your paper contains any information along the lines of this enquiry, it strikes me we ought to receive it at this Department. Perhaps you would send me a sample copy or two.

I might say that, having got the staple field crops in fairly satisfactory condition, we are going to make an attempt to collect some information about special crops in this Province. We shall not be able to do it this year, but we are making a start.

Yours very truly,

C. C. James,

Deputy Minister of Agriculture.

LETTER FROM MR. GAMBLE

Point Edward, Ontario, Canada.

June 23rd, 1905.

Department of Agriculture,

Toronto, Ontario.

Dear Sirs,—I read in The Scientific American of U. S. that the wholesale druggists of the United States imported millions of dollars worth of certain drugs that could be profitably raised at home. I give you the names of some of them: Golden Seal, Senecca Root, Cone Flower, Belladonna, Henbane, Stramonium, Lavender, Thyme, Camomile Flowers, Senna Leaves, and the leaves and flowers of Saffron and Sallow. They also claim that Dandelion, Dock, and Sage would pay if raised in lots of from five to ten acres.

Can you give me any information as to the demand for such drugs here in Canada. I have a large amount of very sandy land which is unfit to raise cereals or other crops. I was thinking that if any or all of the above mentioned drugs would thrive here, and there is a good demand for the same, either at home or for export, I might go into it. I would like to know where I can get seed.

Any information as to the cultivation, curing of product, markets, wholesale prices for same, the addresses of wholesale druggists of the country, or anything else bearing on the subject will be gratefully received.

Yours truly,

(Sgd.) John T. Gamble.

District Associations

DISTRICT No. 3

The annual meeting of District No. 3 was held at Port Hope, June 14, in the Y.M.C.A. rooms.

The attendance was not as large as was expected from the nature of the programme, and the indifference of the Druggists generally throughout the province in these annual gatherings is not a good indication.

Mr. Gibbard, one of the Toronto representatives on the Council, was present and gave a very interesting and instructive address on some of the formulae submitted by the Research Committee. Some 10 or 12 preparations were submitted and the formula of each was given and elaborated on. Those present showed great interest in this feature of the meeting and all went home impressed with the idea that it was time the Druggists of Ontario wakened up and made a systematic effort to hold their own against the encroachments of physicians' supply houses who are doing this work, and securing the cash that should find its way to the till of the local druggist.

A short paper on "Business Methods" was read by the representative of the district, J. H. H. Jury, who also reviewed the work of the Council, speaking more particularly of the recent changes in our Pharmacy bill.

Next year the meeting is to be held in Bowmanville.

DISTRICT No. 11

The fourth annual meeting of Divisional Association No. 11 was held in the Y.M.C.A. building, London, on Tuesday, June 20th. The attendance was fair.

The meeting was opened by the President, Mr. McCallum, London, who spoke of the good work done by the Council during the last session of the Legislature, in securing amendments to the Pharmacy Act. He also referred to the general indifference of the druggists in many matters which affected their interests and said that a great deal could be accomplished in the way of better prices if the trade acted unitedly.

The minutes of the last meeting were read by the secretary and, on motion, adopted.

Mr. Roberts, our district representative, who has been re-elected this year, after thanking the members for his re-election, explained fully the Amendments to the Pharmacy Act which had been secured.

An excellent paper on "Truss Fitting," prepared by Mr. Karn, who was unable to be with us as his own district meeting was held on the same day, was read by Mr. Roberts.

Mr. F. W. Judd, St. Thomas, gave a paper on "Advertising for the Retail Druggist," which

was very practical and contained many points of help and interest to the retailer.

Mr. G. E. Gibbard, Toronto, whom we were pleased to have with us, added much interest and profit by his vigorous address on the work of organization by the Druggists and on the benefits to be derived from the "Price Restrictive" plan. He also gave an admirable address on "Research Work," and showed several samples of preparations made according to the compendium of Canadian formulæ.

A vote of thanks was then extended to those who had contributed papers and otherwise helped in the work of the Association.

After the election of the following officers for the ensuing year, the members adjourned for lunch: Hon. President, J. F. Roberts, Parkhill; President, C. McCallum, London; Vice-Pres., E. C. Harvey, St. Thomas; Sec.-Treas., Geo. McLachlan, London; Executive Committee, J. A. Cairncross, London; W. T. Strong, London; J. G. Shuff, London; J. Callard, London; A. F. McLachlan, St. Thomas; W. H. Stepler, Strathroy; F. W. Judd, St. Thomas.

QUEBEC PHARMACEUTICAL ASSOCIATION COUNCIL

The new Council of the Pharmaceutical Association for the province of Quebec have elected the following-named officers for the current year:

J. E. Tremble, Montreal, president; A. E. Du Berger, Waterloo, first vice-president; J. E. Dube, Quebec, second vice-president; W. H. Chapman, Montreal, treasurer.

Major and Minor Board of Examiners—R. W. Williams, Three Rivers; Alex. B. J. Moore, Henri Lanctot, Joseph Boutin, Leo G. Ryan, and E. Vadeboncoeur.

Preliminary Board of Examiners—Professor J. C. Casgrain, of the Jacques Cartier Normal School, and Isaac Gammell, of the High School, Montreal; with J. E. Dube, of Quebec, as supervisor for the city of Quebec and district.

Auditors—John J. Weinfeld and J. B. Bisailon, Montreal, and E. Muir, Montreal, secretary.

A TRADE MARK DECISION

A case of interest to druggists and especially to manufacturers was disposed of recently in an appeal made from the decision of the police magistrate.

Mr. T. Cruttenden, druggist, Toronto, was charged before Police Magistrate Denison with falsely using the trade mark of the Kress Owen Co., in naming a preparation of his manufacture "Glyco-Thymol."

The defendant was convicted and appealed to the higher court, which has reversed the ruling of the Police Magistrate. The following is the judgment given out:

Rex v. Cruttenden.—Judgment (C.) in Crown case stated by Police Magistrate for the city of Toronto, after conviction of defendant upon the complaint of Charles Rose, of violating the provisions of section 447 of the Criminal Code. The question reserved was whether defendant in using the words "Glyco-Thymol" in his preparation is guilty of falsely applying the trade-mark of the Kress Owen Company. The defendant contended that the name applied to their composition by the latter company, "Glyco-Thymoline," is not the proper subject of a trade-mark, being merely an abbreviated description of the contents of the bottle, in terms which are common property to all users of the language. The court answered the question in favor of defendant, and quashed the conviction. J. MacGregor for defendant. J. W. Curry, K.C., for the Crown.

DEATHS

C. D. Curry, M.D.

On Wednesday morning, July 5th, the death occurred of Charles D. Curry, B.A., M.D., aged 61 years and 6 months. Dr. Curry was for many years a leading practitioner in the country surrounding his home at Minden, Ontario, and he was also proprietor of the Phoenix Drug Co. in Minden. The store has for years been managed by his daughter, who is a graduate of the Ontario College of Pharmacy.

Edmond Giroux.

One of the most prominent citizens of the city of Quebec, in the person of Mr. Edmond Giroux, retired druggist, died in that city July 7th. Deceased was born in Montreal in 1838, but came to Quebec in 1854, and after a few years' apprenticeship as drug clerk, established a drug business with his brother, Mr. Victor Giroux, which is one of the best-known drug firms in this province. Mr. Edmond Giroux retired from business in 1902. He has been a director of the Union Bank of Canada during 35 years, and was a member of the Quebec Harbour Commissioners for fourteen years, nine of which he served as chairman of that body. To mourn his loss, the deceased, besides a large circle of friends, leaves five children: Mr. Edmond Giroux, druggist, Montreal; Mr. Joseph Giroux, of the Union Bank staff, Quebec; Mr. Gus. Giroux, inspector of the mechanical department of the C.P.R. at Montreal; Mrs. G. Belleau, Quebec, and Mrs. M. P. Boulanger, Montreal.

MUSKOGEN

which has been introduced to medicine as an antipyretic, is the hydrochloride of dimethylphenylammonium-oxynaphthoxazine. It forms blue crystals, insoluble in water, but soluble in alcohol and in alkaline solution. It is given in doses of 1.5 to 4.5 grains.

WE HOPE FOR
A VISIT FROM EVERY DRUGGIST

Who visits our city during the progress of

**TORONTO'S
DOMINION EXPOSITION**

Aug. 28th to Sept. 9th

All the conveniences and courtesies we can offer are tendered to our friends for their acceptance.

PLEASE COME IN TO SEE US

The ELLIOT & CO., Limited

5 FRONT STREET EAST, TORONTO

REMINDERS :— Elliot & Co. Egg Preserver, Soluble Creosote, Grape Saline, Effervescent Salts, Cream Tartar "pure," Cream Tartar 98%, Eyerine, Jar Rings, Wax, Bungs.

PRIME SOURCE OF SUPPLY FOR

Fine Essential Oils

DRUGGISTS', PERFUMERS',
CONFECTIONERS' AND SOAP-MAKERS'
MATERIALS

Being in exclusive control of the following well-known brands, we can quote most attractive prices for goods of unquestioned purity and strength. No house in Canada can surpass us in the articles we offer; will pay you to correspond.

Spurway et Cie., Cannes, Grasse,
France. Est. 1785.
Floral Waters, Pomades,
Perfume Oils.

Magnus & Lauer, New York.
Geo. E. Pierce, Messina, Italy.
Compagnie Morana, Zurich,
Switzerland.

Vital Deselos, Orne, France.

E. Sachsse & Co., Leipzig,
Germany. Established 1859.
German Oils and Chemicals.

Bing, Fils et Cie., Paris, Fran.

McKenzie Bros., Kobe, Japan.
Societe des Huiles D'Olive,
Nice, France.

M. Bauman Fils, Paris, Fran

SECURE OUR QUOTATIONS AND SAMPLES

N. C. POLSON & CO., Kingston, Ont.

SPECIAL NOTICE

"Vest-Pocket-Box"

OF

ANTI-KAMNIA TABLETS

ONLY "Five-Grain Antikamnia Tablets" are put up in "Vest-Pocket-Boxes."



(FAC-SIMILE)

ONLY "Five-Grain Antikamnia Tablets" are put up in "Vest-Pocket-Boxes."

One Dozen = = = = \$2.00

In One Gross Lots—5% Discount

FROM ALL JOBBERS

THE ANTI-KAMNIA CHEMICAL COMPANY

ST. LOUIS, U. S. A.

NEW ARRIVALS AND SPECIALS

Atwood's Bitters	Colonial Gold Enamel	Glycogen Capsules
Benson's Pessaries	Colonial Gold Paint	Glycogen Hypo-Injection
Borsum's Trumphenine Polish, roc.	Dyola Dyes	Grasshopper Lint
Cypridol Capsules	Eyerine	Hy-Jen Tooth Paste
Cypridol Hypo-Injection	Formona	
Herpicide	Melanyl Marking Ink	Pike's Centennial Salve
Herpicide Combs	Nature's Remedy, 50c. and \$1.00	Pluto Water
Herpicide Soap	Ovoferrin	Razoo
Lyman's Violet Ammonia	Pancreo Bismuth "Freyes"	Rendell's Wife's Friend
Sal Lithin	Terraline	St. Domingo Bay Rum
		Tefft's Green Oil 50c.

HEADQUARTERS FOR

SAVE THE HORSE (A Spavin Cure). **SAVE THE HORSE OINTMENT** (Large and Small).

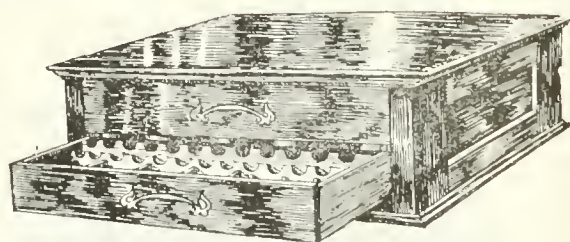
Acetone	Hematin	Metakalin (Bayer's)
Acoin	Hematein	Platinic Chloride 5% solution
Antikamnia (Vest Pocket Size)	Jothion (Bayer's)	Soda Fluoride
Copper Foil	Lenigallol (Knoll's)	Thorium Nitrate
Stovaine (25 Gramme Pkgs.)	Zinc Foil	

The LYMAN BROS. & CO., Limited

Wholesale Druggists

TORONTO

The Counter Label Cabinet



Is just the handiest thing that a Druggist can add to his Fixtures.

Every Label is held in its proper place in its own compartment and directly under your eye.

Labels may readily be removed singly with one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a single drawer, which may be fitted into your counter, only \$9.00. The latter holds 3 doz. labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.

LONDON, CANADA

Satisfaction in Selling

GAUZES, COTTONS, LIGATURES and PLASTERS

Is not a matter of uncertainty when you handle the Goods supplied by

Chandler & Fisher

LIMITED

WINNIPEG

"Direct Importers of Surgical Supplies and Druggists' Rubber Specialties"

MAIL ORDERS RECEIVE PROMPT ATTENTION

Trade Notes

G. A. McKay has opened a new drug store at Pilot Mound, Manitoba.

T. H. Fletcher has opened a new drug store at Carlyle, Assiniboia, N.W.T.

W. J. Johnstone, formerly with the Gordon-Mitchell Drug Co., Winnipeg, Manitoba, has purchased the drug business of the late Mr. Wood, Kenora, Ontario.

G. A. Shannon, Sparta, Ontario, has sold his drug business.

S. K. Harvie has purchased the drug business of W. J. Atchinson, Moyle, British Columbia.

Dr. Charles D. Curry, proprietor of the Phoenix drug store, Minden, Ontario, died July 5th.

T. H. Sutherland has sold his drug business at Glace Bay, Nova Scotia.

A correspondent states that there is an opening for a drug store at Canora, Assiniboia. This is a new village on the line of the Canadian Northern Railway.

The Pineo-Dowson Co., manufacturing chemists, Montreal, Quebec, have dissolved and are now registered as the Pineo-Dowson Co., Limited.

C. H. Lewis has purchased the branch drug store of J. L. Rochester, Ltd., corner Bay and Nepean Streets, Ottawa, Ontario.

Frank McDowell, formerly with S. Tapscott & Co., of Brantford, and latterly with H. W. Smith, Niagara Falls, Ontario, has purchased the drug business of H. E. Eddy, Brantford, Ontario.

A. A. McCrimmon, druggist, Rainy River, Ontario, is admitting a partner.

W. H. Willson, Dresden, Ontario, has sold his drug business.

H. E. Hawkins has purchased the retail drug business of Merrill & Simpson, Brantford, Ontario.

The Red Cross Drug Co., has succeeded J. D. Beattie, Revelstoke, British Columbia.

Hawkins, Limited, succeeds H. E. Hawkins, druggist, Hamilton, Ontario.

D. S. McCutcheon has taken over the branch drug business of Mutrie Bros., Grand Valley, Ontario.

W. H. A. Semple has purchased the drug business of J. M. Spencer, Cobourg, Ontario.

C. E. Perry has sold out his branch drug store in Wheatley, Ontario.

MANITOBA AND NORTH-WEST NOTES

Dr. G. E. Learmonth, High River, is opening a drug store at that point.

Mr. C. E. Shaw, druggist, Wolseley, is opening a branch at Limberg, a thriving town on the Kirkella Branch.

Mr. R. T. Hoskins, who was for some time a clerk with Mr. W. R. Austin, Portage Avenue, Winnipeg, is opening a drug store on the corner of Portage Avenue and McGee Street.

Mr. D. Fraser, for a number of years with Messrs. A. J. Brown & Co., Market Street, Winnipeg, is opening a drug store on Selkirk Avenue, in the northern part of Winnipeg.

Dr. A. S. Martin is about to open a drug business at Lipton, Assa.

Mr. W. A. Rife, of Shelo, Assa., was in Winnipeg last week.

Mr. Chas. Baird, who was for some time a clerk with Mr. C. H. Cranston, Notre Dame Street, Winnipeg, is opening a drug store on the corner of William Avenue and Isabel Street. He is to occupy the corner store in a new building, which will be ready for occupation about August 1st.

Messrs. T. H. Fletcher and W. M. Smith have opened a drug store at Carlyle, which is to be known as the Red Cross Drug Store.

Mr. W. R. Cosgrove, for some years with Mr. J. W. Hewitt, Melita, has purchased the business of Dr. J. A. Perrin, at Lyleton, Manitoba.

The drug business of G. W. McLaren, Morden, has been sold to Mr. A. L. O. Baker. Mr. McLaren has been a resident of Morden upwards of twenty years, and his business is one of the oldest in Manitoba. Mr. McLaren has filled various positions in the Pharmaceutical Association of Manitoba with credit to himself and the Association; his many friends in the drug trade in the province will regret to learn that his health is not as good as it might be, and it is hoped that a well earned rest will benefit him.

The Winkler Drug Store is the name of a new drug business at Winkler, Manitoba. Dr. N. Baker and Mr. J. B. Hooze are proprietors.

Mr. C. S. Touchburn, Alexander, has gone to Ontario for a three weeks holiday, to visit relatives and friends near Kingston.

Dr. A. A. McCrimmon, Rainy River, Ontario, was in Winnipeg last week on his way to Battleford. The doctor is proprietor of a drug business at Rainy River.

NOVA SCOTIA NOTES

R. F. Guest has re-purchased his old business at Yarmouth, and he himself is again at the old stand.

W. R. Cunningham has returned to Annapolis very happy, having passed a successful examination at Halifax and his friends are congratulating him.

Among the successful candidates was Percy Holdsworth, the popular clerk with E. Jenner, Digby.

The business formerly run by F. C. Churchill, Middleton, has been purchased by Dr. S. N. Miller, Mr. Churchill having purchased the business at Wolfville from Gordon B. Parker.

The genial George C. McDougall and family are residing in Halifax for the summer, and his friends in the city see him more frequently.

Mr. Gordon B. Parker, Wolfville, has been compelled on account of his health to give up business.

Windsor reports the warmest weather in the province, which will no doubt please the people's friend, H. E. Wilson, who has probably the best equipped soda fountain in the Maritime Provinces.

Mr. R. C. Fuller's friends in Amherst and elsewhere are extending sympathy at the death of his only son, Roy, who died suddenly in Alberta a few days ago.

Pictou was shocked at the sudden death of their oldest druggist, Fred. W. Fraser, who had been in business for many years, and who has been a most useful and upright citizen. His place will be hard to fill.

Mr. Percy McGuire for many years in several drug stores in Halifax, has removed to Shubenacadie, and taken an interest in the business formerly occupied by Dr. E. E. McLean.

Mr. A. H. Buckley, the Spring Garden Road druggist, Halifax, is spending a few days at Musquodoboit fishing.

Mr. Edward Dunsworth, for many years the popular assistant at the Spring Garden Road Pharmacy, Halifax, has entered the holy bonds of matrimony, and taken the train for Annapolis.

Mr. C. E. Huggins, Halifax, put a new and elegant soda water fountain in his store just in time to anticipate the needs required during the hot wave.

Mr. J. J. Fraser, formerly with A. C. Bell, New Glasgow, having passed a successful examination has opened a business at Thorburn.

Mr. Thomas Brain, of Canso, has quite recovered from a long and severe illness.

NEWS NOTES

The Secretary of the Chambre de Commerce, Montreal, Que., has received enquiries as follows:

A manufacturer of olive oil in Marseilles wants a reliable agent in Montreal.

A French firm in Marseilles manufacturing olive oil wants to be put in communication with Canadian buyers.

The import duty on white lead, which was formerly five per cent., has been advanced to 30 per cent., this of course subject to the British preference of 33 1-3 per cent. This increase in duty will mean an increase on white lead ground in oil

from the present rate of 25 per cent. to one of 35 per cent.

A French firm in Nice, exporting olive oil, desires to appoint an agent in Canada.

The Dominion Government has taken in hand the deportation of United States silver coinage, which has become such an annoyance to many, as the banks in most instances refuse to accept it.

By the arrangement made the Government will purchase the silver from the banks and send it to the United States, the banks receiving a commission of three-eighths of one per cent. and will receive Canadian silver in payment from the Government.

DRUGGISTS' BOWLING TOURNAMENT

The annual bowling tournament of the druggists of Western Ontario was held this year on the lawn of the Paris Bowling Club, on June 27th and 28th. There were some 25 present and they were favored with beautiful weather on both days. The competition was keen, and everything passed off most satisfactorily. This year the winners of singles were barred from competing in doubles. There were no entries in the Novice prizes.

Mr. Thomas, of the Seely Mfg. Co., and who was the originator of these annual contests, was a conspicuous figure at the games, though he did not take any part in them, confining himself to "snapshots," which he took by the gross. A rather suspicious feature of the occasion was the fact that both the prizes for singles were awarded to representatives from Paris. Among the absentees who were much missed were President Graham and P. Bawden, of Ridgeway, but S. A. Hodge, of Mitchell, was present with his referee's whistle, and was always on the firing line, though not a winner, which was a change for him. Paris is anxious to be selected as the place for the tournament again next year, which occasioned the remark that Paris was getting more like "Hogtown" every day.

The visitors were all delighted with their treatment by the Paris druggists and declared the tournament to have been most enjoyable and one of the best yet held.

The following is the score:

SINGLES

Each player played 7 games of 15 points, each with this result.

	Won	Lost	Pts.
R. J. Patton, Paris	6	1	104
J. S. Armitage, Paris	5	2	103
W. Elliot, Toronto	5	2	101
B. Griffin, Hamilton	5	2	98
W. B. Barley, Mitchell	5	2	96
S. A. Hodge	4	3	90
C. McGeorge, Ayr	3	4	80
W. H. Willson, Dresden	3	5	80

Telegrams: Tyrer, Stratford, London.

A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, LimitedManufacturing Chemists
STRATFORD LONDON
ENGLAND

GOLD MEDAL

ST. LOUIS, 1904

Bismuths

Mercurials

"STERLING BRAND"
PURE

Ethers

Hypophosphites

ACID PHOSPHORIC

(Made from Phosphorus)

All Strengths

GUARANTEED FREE ARSENIC

Technical
ChemicalsAnd all kinds
of Pure andEnquiries solicited from **INVENTERS, PATENTEES, etc.****Thomas Glover & Son,
Carlton, Nottingham, Eng.**Our firm is the OLDEST, LARGEST,
CHEAPEST and BEST. Enjoying
reputation of 60 years, for the manu-
facture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

H. SALLE & CO.

4 Rue Elzévir, PARIS

Exporters and Importers of Crude
Drugs.

Growers of French Herbs.

Specialty of Irish Moss.

Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)

Agents Wanted in Every Important Town.

Offers for American Drugs Solicited

J. H. HAYWOOD

Castle Gate, Nottingham, England.

Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.BELTS, SUSPENSORY BANDAGES, TRUSSES
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries.**GLASS BOTTLES**Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green,
Poison and all kinds of Bottles used in the Druggist and Allied
Trades. Special Moulds made.**J. A. CURLE, LTD.**

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

**For the
Summer
Season****Montserrat Lime Fruit Juice**The standard lime juice of the world.
A ready seller and brings trade.**Montserrat Lime Juice
Sauce.**The combination with lime
juice makes it an acceptable and whole-
some appetiser.**De Leon's Florida Water.**

A preparation of charming fragrance.

Large, 4.25 doz.; 3 doz. 4.00 doz.

Small, 1.90 doz.; gross, 22.00.

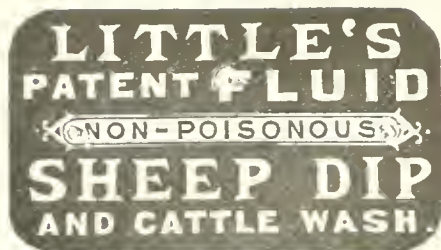
**Granular Effervescent Prep-
arations** of standard quality.**Evans' Antiseptic Throat
Pastilles**—the original. A good seller

in the summer season, and all seasons.

British Lanoline.A pure wool fat
of excellent quality. Special prices to buyers
in quantity.**EVANS AND SONS,**

LIMITED

MONTREAL.



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolle Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

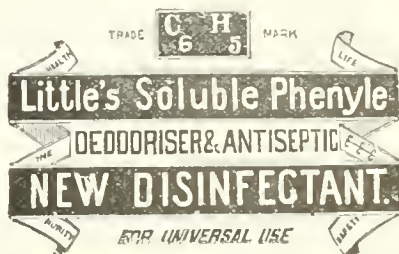
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

**A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.**

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye. ONE SOLUTION.

The Original. The Best.
Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/ 3/ 6 and 10/6.

Wholesale, 12/ 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG

AGENTS WANTED.

. SPECIAL .

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C.CALVERT & CO.

(OF MANCHESTER, ENG.)

807 Dorchester St. - MONTREAL

J. P. Hennessey, Hamilton	2	5	76
A. Hennessey, Hamilton	2	5	62
J. Mattinson, London	3	1	61
C. McD. Hay, Toronto	3	4	57
A. Roos, Berlin	2	5	51
J. G. Karn, Woodstock	1	6	44
W. A. Karn, Woodstock	0	3	28

R. J. Patton wins 1st prize and J. S. Armitage, 2nd prize.

DOUBLES

1st won by W. S. Elliot and H. Hennessey.
2nd won by A. Roos and J. G. Karn.

RINK COMPETITION

1st Round—

B. Griffin, W. S. Elliot, S. A. Hodge, W. H. Willson—skip 8.

J. G. Karn, M. Rosser, J. Mattinson, J. S. Armitage—skip 17.

H. Hennessey, C. McD. Hay, R. J. Patton, W. B. Barley—skip 17.

J. T. Pepper, J. P. Hennessey, A. J. Roos, C. E. Nasmyth—skip 8.

Final Round—Armitage 6, Barley 13.

P. D. & CO.'S ANNUAL OUTING

The annual boat ride and picnic of the employees of Parke, Davis & Co. was participated in by fully 5,000 people, and was one of the most successful ever held under the auspices of the firm. The affair was under the management of Mr. Lehn C. Fink, one of the members of the Board of Control of Parke, Davis & Co., and who has been with the firm for a quarter of a century.

LESSONS IN OPTICS

Dr. W. E. Hamill, principal of the Canadian College of Optics, Toronto, has delivered a course of lectures in St. John, N.B., under the auspices of the Imperial Optical Company.

H. C. Page, W. T. Gard, Ernest Gardner, Walter Irvine, of St. John; Chas. Dickison, Newcastle, N.B.; H. A. Ellis, Charlottetown, P.E.I.; J. A. G. Ellis, O'Leary, P.E.I.; J. W. Carruthers, Montague, P.E.I.; J. W. Webster, Hampton, N. B.; J. A. Langille, Annapolis, N.S., attended the lectures.

CANADIAN NATIONAL EXHIBITION, TORONTO

The management of the coming Canadian National Exhibition announce that they have made arrangements for the greatest loan collection of art that has ever been held in Canada, and probably in America. They have secured paintings and art treasures illustrative of a long period of years, from the wealthy corporations of the city of London, the great British Universities, including those of Oxford, Cambridge and Dublin, the

Government of France, the South Kensington Museum, Right Honorable Lord Stratheona and Mount Royal, and His Honor the Lieutenant-Governor of Ontario. This exhibit is expected to exceed in interest and attraction anything ever before presented to the people of Canada or the United States, not excepting the Jubilee presents themselves.

Field Marshal Lord Roberts has consented, if his arrangements at all permit, to visit the Canadian National Exhibition either the first or second week, the period of the Exhibition extending from August 26th to September 11th.

ABBEY EFFERVESCENT SALT CO.'S HANGERS

Some of the neatest and yet most attractive hangers we have seen for some time are those lately issued by the Abbey Effervescent Salt Co., Montreal, samples of which have, we understand, been mailed to all members of the retail drug trade in Canada. These hangers are not copies or facsimiles, but are genuine *remarque* proof-etchings by two of the leading artists on this continent, with the artist's signature in each case. The subjects have all been carefully selected, the two received at this office being entitled "Twilight Hour" and "The River Road" respectively.

They will no doubt be given a conspicuous place in every drug store.

PUBLICATIONS RECEIVED

We are in receipt of No. 1, volume 1, of the British Columbia Pharmaceutical Record and Association Proceedings, a monthly journal, issued under the auspices of the B. C. Pharmaceutical Association. We welcome our new confrere and bespeak for it a very cordial reception. The managing Editor is Mr. Joseph H. Emery, in whose hands the literary portion, at least, will be well looked after. A leading feature will be a series of papers to enable students to take up during the year all the subjects required for the next examinations, both minor and major.

Modern Pharmacy, Vol. 1, No. 4, has come to hand. This publication from the well-known house of Parke, Davis & Co. is a bright, entertaining journal for retail druggists, and is sent free to all druggists in Canada.

"Agricola Whispers" is the title of a paper issued by Mr. A. A. Thompson, druggist, Halifax, N. S. It is full of interesting matter, interspersed with advertisements of preparations made by Mr. Thompson, and altogether it is one of the most creditable papers of the kind which we have seen.

Provincial Pharmaceutical Associations

BRITISH COLUMBIA

The fifteenth annual meeting of the B. C. Pharmaceutical Association was held in the parlors of Hotel Guichon, New Westminster, on Thursday evening, June 8th. There were present: President John Cochrane, Councillors D. S. Curtis, J. H. Emery, C. R. Macdonald, T. E. Atkins and Messrs. J. M. Atkins, E. S. Knowlton, J. N. Henderson, C. Nelson, E. H. Hall, J. A. Smith, C. H. Robson, T. A. Muir, H. Ryall and the Secretary Registrar, J. K. Sutherland.

The minutes of the last annual meeting held in Vancouver were read and adopted on motion of C. Nelson, seconded by E. S. Knowlton.

ANNUAL REPORT OF THE COUNCIL

Vancouver, B.C., June 8th, 1905.

The Members of the B.C.P.A.

Gentlemen:

The Council met immediately after the last annual meeting in Vancouver, and elected Mr. J. Cochrane president. Mr. C. R. Macdonald vice-president, and J. K. Sutherland secretary-treasurer.

The next regular meeting was held on December 8th, in Victoria.

A communication from C. G. Rutter, of Detroit, was received stating that he was a graduate of the Michigan State Board and asking that he be allowed to write on our major examination. His request was granted on production of his certificate.

W. E. Pratt, of Salmon Arm, wrote, complaining that the general stores of that place were handling poison. The secretary was instructed to obtain the name of the provincial constable at that point and write him asking him to look into the matter.

F. E. Armstrong wrote asking for a supplementary examination to be held in Kamloops, but his request was refused, as was also that of J. M. Beaton asking to have his apprenticeship dated back to the time he began work instead of from when he registered as an apprentice.

R. T. Campbell applied for registration on the Nova Scotia certificate, but the same was not granted, as his qualification did not meet the requirements of our Act.

The Board of Examiners reported that F. G. Murphy passed the Preliminary Latin, G. Lyall the Minor and C. D. Gillanders and J. P. Bengel the Major and recommending registration for 15 apprentices and 17 licentiates.

The Treasurer's statement showing a balance on hand of \$514.10 was received and adopted.

Mr. Emery suggested the establishment of a paper having the drug news and a series of lectures running through the issue, a copy to be sent to every one on the Register of the Association. After discussion Mr. Emery was requested to present his idea with figures at the next meeting of the Council.

The Secretary was instructed to procure 200 copies of "The Outline of Studies" for distribution among the apprentices.

The next meeting was held in New Westminster on this date.

Re communication from R. E. Beattie, of Revelstoke, the Registrar was instructed to notify him that he must comply with the provisions of the Act at once else the matter will be placed in the hands of our solicitors for action.

Re communication from W. E. Pratt, the Secretary was instructed to notify him that the Council is dealing with the matter mentioned and to thank him for the information.

Re communication from W. Jackson, the same was referred to the annual meeting, the Council recommending that the Act be strictly enforced and that the members be notified to that effect.

An application for registration from W. H. Gordon having been received, the same was referred to the Board of Examiners.

The resignation of R. E. Strong from the Council was received with much regret and the Secretary instructed to notify him to that effect.

A communication from Seymour, Marshall & Co., of Vancouver, was received applying for a loan from the surplus funds of the Association for a client on first mortgage, but the Council decided not to entertain the same.

Mr. Emery reported the data he had secured regarding the publication of a monthly by the Association and the same was referred to the annual meeting for favorable consideration.

Re letter from H. E. Davies, the Secretary was instructed to acknowledge the same and to inform him that the Council has taken the matter under consideration.

The report of the Board of Examiners that W. T. Broderick and W. Maysmith had passed the Latin Preliminary; G. S. Merryfield the Minor; and F. E. Armstrong and W. J. Robertson the Major, was received and adopted, as was also the Treasurer's Report showing a balance on current account of \$409.90, on hand of \$169.00 and in savings account of \$3,925.63.

After passing the various accounts the Council adjourned.

John K. Sutherland.

This report was adopted on motion of C. Nelson, seconded by T. A. Muir.

Everything FOR THE Drug Trade

Drugs and Chemicals

Adeps Lanae Hydrous
and Anhydrous
Thiocol
Aspirin
Heroin
Spices
Castile Soap
Castor Oil Italian
44 and 22 tins
Formaldehyde
Magnesia Citrate
Carbolic Acid
Santonine

Patents

Pertussin
Miles' Nervine
Wonderful Dream Salve
Gloria Tonic
Dio Viburnia
Vitæ Ore
Cameron's Rheum. Cure
Ontario Grape Juice
Athlophorous
Blanco
Denta Cura
Dy-o-la

Sundries

Bottle Wax
Freed's Wax
"Carbo-Magnetic"
Razors
"Sparklets"
"Bulbs
Styptic Pencils
"Powder
Specie Corks
Rubber Gloves
Daggett & Ramsdell's
Cold Cream
Rubber Sponge Clippings

Proprietaries

"Baby's Own" Food
"Anti-Colic" Feeders
Cascara-Bromide Quinine
"Dominion" Rennet
Tablets
Wilson's Root Beer
"Ginger Beer
"Dominion" Egg
Preserver
"Santalols"

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It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

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**SOLUBLE ESSENCE OF LEMON,
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OUR SCHOOL BLANKS are being most generously received by the trade everywhere. If you have not already placed an order for them, do so at first opportunity so as to insure delivery in time. Our line of Sundries and School Supplies is complete in every respect, and takes in everything that is worth showing.

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The Secretary Registrar then read the Registrar's Report and also the Treasurer's Statement as follows :—

REGISTRAR'S REPORT

The Members of the B.C.P.A.

Gentlemen :—

I beg to report that there are at present on the Register 103 licentiates, 23 of whom are acting as clerks, 6 certified clerks and 13 apprentices.

During the year 22 apprentices have been registered, 3 by examination, the others by certificate. Twenty-six have been granted registration as licentiates, one on M.D. certificate; four, namely, C. D. Gillanders, J. P. Bengé, F. Armstrong and W. J. Robertson by examination. Nine under Sec. 12 (b), the others on Ontario certificates.

The following members have retired during the year: H. Howell, D. R. O'Neill, T. G. Hitt, A. R. Badger, Dr. Bentley, J. G. Templeton, F. J. Donaldson, J. A. Jamieson, H. E. Bletcher, G. H. Edmison, R. W. Chambers, R. E. Strong, H. F. McLean and J. W. Cairns.

The Association has lost one member by death, Mr. W. E. Appleton, of Revelstoke, whose call came very suddenly.

Yours truly,

John K. Sutherland.

TREASURER'S FINANCIAL STATEMENT

June 8th, 1905.

June 10th, 1904.

Bal. in hand and in bank	\$583.90
Annual fees	783.00
Registration fees	80.00
Exam. fees	192.00
Poison books	6.00
	—————\$1,644.90

June Council	\$100.55
Dec. Council	49.10
Oct. exam.....	57.99
April exam.....	88.50
Banquet and music	49.15
Registrar (1½ years)	225.00
J. R. Campbell, refund	16.00
Henderson Bros.....	10.45
Stamps and stationery	24.10
Printing	45.25
Savings bank	400.00
	—————\$1,066.00

Bal. on hand	169.00
Bank of Commerce	409.90
	—————

\$1,644.90

June 7th, 1905.

Bal. Savings Bank	\$3,925.63
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These were adopted on motion of T. E. Atkins, seconded by D. S. Curtis.

President Cochrane then delivered the President's Address :—

To the Members of the British Columbia Pharmaceutical Association.

Gentlemen :—

At this, the fifteenth annual meeting of our Association, I have the honor to address you as President.

The reports of the Secretary and Treasurer, which have been just read, indicate that the affairs of the Association are in a flourishing condition. During the year now closing, as you will see by the reports, the matters dealt with have been mostly those of routine. This may be a cause for congratulation, as it indicates that the pharmaceutical machine is apparently running smoothly, after a period of friction, which was largely a result of inadequate legislation.

However, since the Legislative Session of 1904, we have a Pharmacy Act which applies to the Province as a whole and not to the incorporated cities and towns only, as it previously did, and which also restricts the reciprocity of diplomas with other Pharmaceutical Associations to certain well defined limits.

These desirable conditions were secured, as you are aware, through the efforts of one of the members of this Association, Geo. A. Fraser, Esq., of Grand Forks, who represents that constituency in the Provincial Legislature. In this undertaking Mr. Fraser had the active support of the Council of this Association.

One result of the extension of the Pharmacy Act to the whole province, has been a considerable increase in our membership, as is shown by the Secretary's report. This extension necessarily entails a greater amount of work for the Executive of the Association, and affords, also, in a province with such magnificent distances as British Columbia, larger opportunity for violations of the Act.

You will have noticed that certain violations of the Act in the interior, such as the carrying on of business by unregistered men and the selling of poisons by general stores, have been referred to by a member of this Association, in his report for support as a candidate for election to the Council, at this annual meeting.

I would not have you infer from this circumstance, that the Council has been lax in dealing with any violations of this kind, that have been brought to its notice. The records will show that the Act has been equitably enforced in all directions in all cases of which the Council had information.

It will be readily understood that, in a territory as large as British Columbia, with certain portions somewhat isolated from the centres of population, violations of the Act in the manner referred to may occur, unknown to the Council of this Association. I have not the slightest hesitation in saying that should any member of this Association be aware that the Pharmacy Act is being violated in this manner, it is a duty which he owes to himself and to the other members of

the Association, to lay such information before the Secretary to be dealt with by the Council. In doing so he may rest assured that the Council will consider the communication as absolutely confidential and will vigorously enforce the law.

There is reason to believe that throughout the province, the provisions of the Pharmacy Act as to the sale of poisons, are not as strictly observed as they should be.

Our Secretary's stock of Poison Sale Registers is not being drawn upon to anything like the extent that would be expected, in an Association with a membership as numerous as ours.

The leaving of apprentices in charge of stores during the protracted absence of the proprietor, as I understand is sometimes done, is another violation of the Act, which the members of this Association should not be so unwise as to commit.

The people of British Columbia, through their representatives in parliament, have given the pharmacists of this province the British Columbia Pharmacy Act, which while setting a standard of qualification as a protection to the public, is also a protection to the pharmacists themselves. In view of this fact, therefore, I would most emphatically state, that we will best serve the public and, at the same time, our own interests by conducting our several businesses in strict compliance with the provisions of the Act. Otherwise, some unfortunate incident may occur which would bring sorrow into some life and unavailing regret, accompanied by financial loss to the one of ourselves. Such an occurrence might also give the people the impression that we do not appreciate the responsibilities and privileges they have conferred upon us, and they through their representatives could forthwith relieve us of both. Now that we have a considerable financial surplus on hand, I do not think a small portion of it could be better expended, than by the employment of a reliable agent to make a tour of the province, for the purpose of ascertaining definitely, how the Pharmacy Act, in all respects, is being observed.

During the year the question of providing educational facilities for the rising generation of pharmacists has been considered by the Council. Difficulties were met with, perhaps the principal one being that of affording every part of the province equal advantage in obtaining access to any instruction that might be provided.

At the Council meeting in December, Mr. J. H. Emery, a member of the Council, proposed to meet the situation by the establishment of a Pharmaceutical paper issued under the auspices of the Association, which among other matters would contain a lecture section, in which would appear, from time to time, appropriate lectures on the several subjects with which an apprentice

is required to become familiar. This idea appealed most favorably to the members of the Council and it was thought proper that the matter should be referred to this annual meeting for action to be taken thereon.

A recent event of more than ordinary interest to the pharmacists of Canada and to us as a portion of the Dominion, is the issuing, by the Pharmaceutical Research Committee of the Council of the Ontario College of Pharmacy, of a Compendium of Canadian Formulae, in general use but not included in the British Pharmacopoeia. The contents of this Compendium have been published in the current drug journals and I presume you are more or less familiar with them. The Committee state that its object in issuing the formulary at this time is "to secure the co-operation and assistance of pharmaceutical and medical associations throughout all the provinces and thus endeavor to establish uniform and authoritative standards of medicinal articles required by both professions."

In securing this most desirable result, it is needless to state that the Council of the Ontario College of Pharmacy will receive the hearty support and so far as possible, the co-operation of this Association.

One of the most objectionable features of the drug business, at the present time, from a purely commercial standpoint to say nothing of its professional aspect, is the fact that druggists generally, have to carry such a varied stock of expensive proprietary compounds of similar composition, with which the pharmaceutical manufacturers have carefully detailed the physicians. Some of these preparations are never prescribed at all, and others only to a limited extent, then they are apparently forgotten, the consequence being that the druggist finds himself with considerable dead stock on his shelves, which he cannot find an outlet for in the ordinary channels of business, as the great majority of these preparations are used only on prescriptions. If the action, therefore, of the Council of the Ontario College of Pharmacy will result in the adoption by the pharmaceutical and medical professions throughout the Dominion of a class of therapeutically valuable preparations which may be uniformly and readily prepared, at moderate cost, by any properly qualified pharmacist and dispensed in preference to the before-mentioned proprietary compounds, the outcome will be of the highest possible benefit, both scientifically and commercially, to Canadian Pharmacy.

Such being the case, it is hoped that the invitation of the Compendium Committee for criticisms, suggestions and additions, may meet with a response from the members of this Association, that the work may be as complete as possible.

A branch of our business closely allied with the foregoing, is the manufacture and sale of our own

preparations. This is a department that no pharmacist, in these days, can afford to ignore. Formulae covering all classes of preparations are easily obtainable through the many pharmaceutical periodicals and compiled formularies. A practical pharmacist can readily modify these formulae, if necessary, to meet his requirements. Given an article of merit, in an attractive package, at a popular price, judiciously advertised, and there is no question but that the result will be most gratifying to the pharmacist.

In offering any of your own preparations to the public, do not state that it is "just as good" as this or that patent medicine. In doing so you pay the patent medicine the compliment of setting it up as a standard by which to judge your preparation, a position which in the majority of cases, the patent medicine is not justly entitled to.

It is reasonable to suppose that a qualified pharmacist, with his years of experience in practical work, and in addition a course of special training in a first-class College of Pharmacy, is able to produce better preparations than the majority of the patent medicines which flood the market to-day. Let the public know that you make your preparations from the best obtainable ingredients and according to the latest scientific methods. When your opinion is asked as to the medicinal value of this or that patent medicine of secret formula, frankly admit your ignorance of its composition, but state that you do know what goes into your own preparation and that you believe it is all you represent it to be.

You will be agreeably surprised at the number of customers that will accept your statement and try your preparation.

Some pharmacists are of the opinion that preparations of their own production sell more readily with some fictitious name as manufacturer. It seems to me that, if the pharmacist is to stand behind his own preparations and use the arguments that have been indicated above, as to their medicinal value, his own name as manufacturer should appear thereon.

With regard to those patent medicines which have been placed on the "Price Restrictive" plan, I think that every druggist should show his appreciation of the effort of the manufacturer, to secure him a reasonable profit, by supplying the article, without comment, when it is specially called for. Should, however, the druggist's opinion be asked as to the medicinal value of any article, of the composition of which he is ignorant, the opportunity would be afforded him of stating that fact and of recommending his own preparation regarding which he has complete knowledge.

This course, I believe, is perfectly legitimate.

Dealing with the condition of business throughout the Province it is pleasing to note that while there seems to be a general depression, pharmacists as a body are holding their own.

With reference to the matter of investing the surplus funds of the Association, which has been considered on several occasions, I do not think the Council should take any action in this matter until a fuller expression of opinion is obtained from the membership of this Association, than it is possible to secure at the annual general meeting.

As you are aware, owing to the expense and loss of time connected therewith, the attendance at any of our annual meetings represents only a minority of the membership.

It is possible that the majority of the members throughout the Province are not in favor of the funds of the Association being invested, preferring to have them remain as they are. It would be a comparatively easy matter to secure a general expression of opinion on this subject, in the same manner in which the ballots for election of Council are distributed and received.

The Council, who are the trustees of these funds, could then intelligently act in accordance with the instructions of a definite majority of the membership of the Association.

Before closing this address let me express my appreciation of the honor that was, last year, conferred upon me in my election for a second time to the office of President of this Association.

Since I had the honor to fill this position in the year 1900, some changes have taken place in British Columbia.

It is but reasonable to expect that the future holds many more. Let us hope that they may be changes for the better and we may be assured that the power to make them so rests, in a great measure, with ourselves, if we approach each varying condition with the firm determination to do our whole duty, in the spirit of the Golden Rule, to ourselves, to our fellow-pharmacists and to the highest interests of our profession.

John Cochrane.

Victoria, B.C., June 8th, 1905.

Mr. Nelson, on rising to move a hearty vote of thanks to the President for his very able address, stated that he thought the ideas expressed were very practical, and that they might be carried out with great advantage to ourselves. Mr. Curtis, who seconded the motion, thought that the law had been carried out in the spirit, if not to the letter. The motion on being put by the Vice-President, carried unanimously.

The President then appointed Messrs. J. N. Henderson and E. S. Knowlton scrutineers, who, after examination of the ballots, reported Messrs.

P. R. Burns, Armstrong; T. A. Muir, New Westminster, and J. Cochrane, Victoria, elected to the Council for the ensuing two years.

The President then appointed Messrs. C. Nelson and E. S. Knowlton auditors for the ensuing year.

Mr. Emery then addressed the meeting. He said in part that he thought there was a need of a monthly journal under the auspices of the Association. That such a paper as he had in mind should give the news of the Province, original papers by druggists—containing all the announcements of the Secretary-Registrar together with the examination papers and, in addition, as a general feature, a series of educational papers for clerks and apprentices to assist in their studies for examinations. He proposed that the paper be sent at the expense of the Association to every proprietor, assistant and apprentice in the province. He proposed having at least 500 printed and submitted the results of tenders he had obtained in Victoria. For the size large enough for present requirements, 20 pages, the cost would be \$33.50. Should the proposal be accepted the details as to mailing and editorial work could be arranged by the President and Secretary.

Mr. Atkins stated that the matter had been brought up at the December Council meeting and had been favorably received but had been laid over for consideration at this meeting. Personally he thought the idea a good one and that it should have the support of the Association.

Mr. Curtis also supported the idea strongly and moved that Mr. Emery's proposal be accepted, which was seconded by Mr. E. S. Knowlton, and carried.

A letter from Messrs. Jackson & Co., of Victoria, was read re non-registration of poisons, particularly bi-chloride tablets. After thorough discussion the Secretary was instructed to issue a circular letter to the members of the Association notifying them that the provisions of the Act must be complied with and that the Council is about to take steps to enforce the same.

Mr. Atkins brought up the subject of the investment of the funds of the Association and asked for an expression of opinion from some of the members.

Mr. Nelson and Mr. Knowlton both thought that the Council should take steps to invest the same on first mortgage at the earliest opportunity.

Mr. Curtis gave notice that at the next meeting he would move that the word "ten" in the second line of Section 32 of the By-laws be changed to "twenty."

Moved by E. S. Knowlton, seconded by T. E. Atkins that the Association adjourn to meet in Victoria, in June, 1906.

The first meeting of the new Council was held immediately after the annual meeting, when

Mr. T. E. Atkins was elected President; Mr. J. H. Emery, Vice-President; and Mr. J. K. Sutherland, Registrar.

Moved by J. Cochrane, seconded by T. A. Muir, that Mr. E. S. Knowlton be elected to the Council vice R. E. Strong, who resigned, having left the Province. Carried.

After passing the various accounts the Council adjourned.—B.C. Pharm. Record. and Association Proceedings.

NOVA SCOTIA PHARMACEUTICAL SOCIETY

The annual meeting of the Nova Scotia Pharmaceutical Society was held this year in the City Hall, Kentville, and proved most enjoyable to all present. Among those in attendance during the day were: J. J. Kinlay, Lunenburg; E. Jenner, Digby; J. Craig, Yarmouth; F. Churchill, Wolfville; W. A. Rodd, Sackville, N.B.; F. Pentz, Hantsport; Gordon Parker, A. V. Rand, Wolfville; Thos. Cochran, Amherst; Geo. McDougall, J. D. Clarke, R. M. Masten, Kentville; G. A. Burbidge, C. E. Huggins, A. H. Buckley, E. McLeod, J. H. Augwin, A. A. Thompson, J. McD. Taylor, E. S. Blackie, L. J. Mylius, D. Hockin, C. A. Mumford, E. T. Power, Halifax; J. W. Morrison, Amherst; P. A. Holmes, M. D., Parrsboro.

The minutes of the last meeting at Truro were read and the report of the Council heard. The report of the Treasurer was then read, showing the finances to be in a healthy state. The Registrar's and examiners' reports were received and adopted.

The Examining Committee reported that the following passed examination:—Preliminary—P. W. Holdsworth, Digby; S. C. Cole, Halifax; C. F. Lorway, Halifax. Final—W. R. Cunningham, Annapolis; J. T. Fraser, A. D. Curry, Pictou; P. W. Holesworth, Digby; J. S. Stenhouse, Moncton; W. T. Ferguson, Thorburn; W. R. Nicholson, Dartmouth.

The Legal Committee in making their report referred to the very small amount of business which they were called upon to perform, as the infractions of the law were limited to one case only, and at the time of writing it was in a fair way to be amicably settled.

For some time past the Council has been dissatisfied with the minor examinations, and at a previous meeting a Committee was appointed to look into the matter and report back, and they proposed that the following changes be made in the preliminary examinations:

Halifax, N.S., June 16th, 1905.

Dear Sir :-

The following recommendations have been made by the Committee on Examinations :

1. That the name of the general subjects be changed from "General" to "Preliminary," as being more expressive and appropriate.

2. That the subjects for preliminary Examination be :

(1) Mathematics :

(a) Arithmetic :—As in "Common School Arithmetic" (Complete).

(b) Bookkeeping :

(2) English :

As in "Lessons in English" (of Public School course).

(3) Geography & History :

(a) British & Canadian History, (as in Robinson & Hay's).

(b) Geography :—Calkin's Introductory.

(4) Latin :

As in Collar & Daniell, to end Lesson 50.

3. That certificate of having passed examination to Grade 9, Public School Course, exempt candidates from the Society's examination.

4. That the four examination papers on this syllabus be so prepared as to require not more than six hours' writing, apportioned among the four subjects at the discretion of the examiners.

5. That fifty per cent. be the pass mark required on each subject.

6. That examining fees be increased sufficiently to cover the cost of conducting examinations, say :

Preliminary—Five dollars.

Final—Five dollars.

Re-Examination—One dollar per each subject.

7. That these changes go into force in 1907, due notice being given at an early date.

This matter will be discussed at the annual meeting as it will necessitate a change in the Pharmacy Act.

Edward T. Power, Secretary.

A number of the country druggists having complained to the Council during the year of the infringement of the Pharmacy Act that general dealers were selling poisons indiscriminately. The Secretary was instructed to write an article for publication in the Maritime Merchant, (which circulates among general dealers) pointing out to them that in selling these poisons they are infringing the Act and laying themselves out to a fine. This will be a preliminary step to more drastic measures providing the evil is not curtailed. The article is as follows :

GENERAL DEALERS AND THE SELLING OF POISONS

"The practice has been growing for years among general dealers of selling such articles as lauda-

num, belladonna, carbolic acid, tincture of iodine, muriatic acid, sulphuric acid and other articles which properly belong to a druggist's stock. These articles are poisons and their sale is surrounded by legal restrictions because of the disastrous consequences that are possible when free and careless sale is permitted. Every time a general dealer sells these articles he exposes himself to a fine ; for it is not lawful for him to sell such things.

"In the drug trade the nature of the articles is so thoroughly understood, that great care is exercised in handling them. They usually sell them in distinctive bottles and label them "Poison" in red letters and seem to leave nothing undone to warn the buyer that such things must be handled with caution. The average general dealer who handles them in bulk, not having the facilities of the drug trade, and not having been trained to these methods, is very apt to be less careful. For instance, he may keep them in nondescript bottles which bear absolutely no label, he depending entirely on his memory to locate or avoid them. In many cases he keeps them alongside of bottles containing such things as flavoring extracts in bulk, and perhaps the bottles and contents are very similar in appearance. It can be seen at a glance what danger to the consumer lurks here, and the danger is increased should inexperienced or thoughtless help be called upon to serve the customer. It is without question a serious menace to public safety that general dealers should handle such goods in this promiscuous fashion.

"There are cases where it may be considered a hardship for general dealers to be prevented from selling such poisons, as for instance, in localities miles away from any drug store. But the danger involved is not lessened by this fact, nor the action of the dealer made the more legal. The general merchant, no matter where located, exposes himself to fines by undertaking to accommodate his customers by supplying such poisons.

"We understand that the promiscuous handling of poisons mentioned above has grown to such an extent that the Pharmaceutical Society of Nova Scotia has decided to take action against those dealers who continue to disregard the law. No doubt it will exercise judgment in cases where it may be a public necessity, providing due care and intelligence in their handling is displayed ; but every general dealer who handles poisons is in danger of being prosecuted and our advice would be to take care."

A communication was read from the Faculty of the Halifax Medical College, suggesting to the Society that a Pharmacy College in connection with the Medical College be established, which could grant Ph.M. degree. After a thorough discussion a committee was appointed to confer with the Halifax Medical College and then report

back to the Council. Since that time the project has been put through, and it is proposed that the classes in Pharmacy be established during the next term.

As showing the changed conditions in the drug business through Nova Scotia during the past ten years the following paragraph from the Council's report to the Society would be of interest:

"There are to-day about 125 drug stores in Nova Scotia, ten years ago there were 65. With the population practically stationary the number of druggists has doubled. No wonder with most of us the "side lines" have become mainlines. With the number increasing every year, the business will soon have to be given up to those who are willing to live on the income of an ordinary clerk. The majority of us are young men, and we owe it to ourselves to protect our future, if we can do so without violating our obligation to the public. Your Council recognizes the need for more closely drawing the members of our Society together in their professional and business relations. Wherever unity and co-operation exist, there is a happier and more prosperous condition of affairs."

It is the aim of the Council this year, composed largely of the younger members of the Society, to secure the united action of the retailers throughout the province particularly on a commercial basis. Though they have not in the past suffered greatly from price cutting, yet it is thought by early action they can avoid the evil from which the Ontario and Quebec druggists suffer, thinking that the expenditure of a little time and money now may be an Insurance Policy against the hard times in the future.

The following communication was read:

Digby, Nova Scotia.

To the President and Members of the Nova Scotia Pharmaceutical Society.

Gentlemen,—We, in common with the entire drug trade of this Province, have received circulars from Messrs. Scott and Bowne relative to the "Price Restrictive Plan." These circulars have our approval, with the exception of the following clause:

"It is further covenanted and agreed by the Retail Dealer that in every instance when Scott's Emulsion is called for by any customer or person, he will supply the demand for same without in any manner attempting to substitute or to induce such customer or person to accept any other preparation in place of it, and upon any violation or attempted evasion of this clause by the Retail Dealer, said Scott & Bowne shall be entitled to cancel this agreement."

Our reasons for objecting to it are as follows:

If we sign this agreement, we shall have to sign similar agreements for other proprietary houses. The argument will be "You signed this

agreement for Scott & Bowne, why not sign it for us." We cannot conveniently tell the writer, that, while we consider Scott's Emulsion an excellent preparation—which is the case—we consider his nostrum an infernal fraud.

In all trades it is considered permissible for the merchant to "push" certain lines of goods. The druggist has a perfect right to push Stearns', Wampole's, Parke's or Amor's codliver oil preparations according to circumstances, as he has to push Simson's lime juice, or Stearns' Kasagra.

We happen to be on most friendly terms with our physicians. They do no dispensing, we do no counter prescribing. While we do not inquire into the ailments of our customers, we know what the physician is prescribing for them, and we frequently have to refuse to furnish other medicaments without the doctor's consent.

There are no better tonics on the market for certain cases, than Fellows' and Wampole's hypophosphites. It is no unusual thing for one of our customers who is taking one of the numerous combinations of ferrous sulphate and strychnine in pill or capsule form, by his or her physician's orders, to request us to furnish them with one or other of these preparations.

We have no alternative but to refuse; the physician has given a dose of from 1-60th to 1-100th of strychnia already, and he has no wish to have the dosage he has prescribed, doubled, or trebled at his patient's caprice. We have selected Fellows' and Wampole's compounds for the reason that we are fairly conversant with their formulas. We have implicit confidence in them—as we have in Scott's emulsion, when they are used under suitable conditions.

We are not in the least hostile to Scott and Bowne, but we have no intention of signing a promise to furnish any drug, or proprietary article, no matter how excellent it is, on the demand of the purchaser. With a physician's prescription it is a different matter. We furnish exactly what we are asked for, and if we do not happen to have it in stock, we send for it at once.

(Signed) H. E. Jones.

T. F. L. Jenner

P. W. Holdsworth.

The election of officers resulted as follows:—President, G. A. Burbidge, Halifax; Vice-President, E. Jenner, Digby; Registrar, E. S. Blackie, Halifax; Secretary, E. T. Power, Halifax; Treasurer, D. Hockin, Halifax.

The Council for the current year are:—A. H. Buckley, L. J. Mylius, C. E. Huggins, E. S. Blackie, D. Hockin, Halifax; E. Jenner, Digby; G. C. McDougall, Kentville; J. J. Kinlay, Lunenburg; J. Craig, Yarmouth.

The annual baseball match, City vs. Country, resulted in the defeat of the city team by 21 to 10.

A visit was paid to the Sanitorium and the Kentville druggists gave them a most enjoyable drive about town.

The dinner at the Aberdeen hotel was a grand affair, and the proprietor was congratulated by all for the splendid menu.

Pres. C. A. Mumford made a capital presiding officer, and after the excellent dinner, toasts followed, and many good speeches resulted.

Telegrams of greeting were read from the New Brunswick Pharmaceutical Association, who were also in session and Frank C. Simson, Halifax, who was attending a meeting of the wholesale druggists at Montreal.

NEW BRUNSWICK PHARMACEUTICAL SOCIETY

The twenty-first annual meeting of the New Brunswick Pharmaceutical Society was held in their rooms, Market Building, St. John, N. B., June 22, 1905. The meeting was called to order at 10 p.m., with President Brown in the chair. Members present were: Messrs. Wm. Hawker, P. J. Donohue, E. R. W. Ingraham, C. F. Wade, S. Hawker, Dr. Steeves (Moncton), W. R. Rodd (Sackville), M. V. Paddock, A. Johnson (St. Stephen), H. J. Dick, S. Robertson, W. H. Mowatt, R. E. Coupe, and W. Jones.

The minutes of last annual meeting were read and accepted.

SECRETARY'S REPORT

for year ending June 22, 1905.

To the President, Officers and Members of the N. B. Pharmaceutical Society:

Gentlemen,—Again it is my duty, and I take great pleasure in giving to you the Secretary's report for the year ending June 22, 1905.

During the past year your Council have held ten meetings, all of which have been very well attended, and a fair amount of business transacted.

In that time two (2) examinations have been held—the first one January 26, 1905, and the second and last one June 15; present month. At the first examination three (3) applied for general, three (3) for general and final, and seven (7) for final. Of that number one could not come up on account of sickness, two (2) passed in the general and two (2) in the final. At the other examination held the 15th of this month a larger number applied, and presented themselves. Thirteen (13) came up for general, three (3) for general and final, and nine (9) for final. Out of this number seven (7) passed the general and two (2) the final.

Different parts of the province have been represented at these examinations, and the interest seems to be still kept up; but New Brunswick, unlike some of the other provinces, still lacks the necessary conveniences to fit the young men for this very important and gentlemanly way of making a living.

During this year, as in the previous one, the law has been broken; but the cases have been settled, and at present everything seems to be running smoothly.

The Society is still increasing in numbers, and if the members generally, would take a greater interest in our annual meeting, the effect would be far-reaching and better in every way. As a case in point, I might mention that small matter of answering the notices of our yearly meeting.

About one hundred (100) notices are sent out annually—this year I received 31 answers—last year 28 came to me, a gain of 3 in a year. It will not take much of a head to figure out the number of years it will take to get a full reply.

Of course, gentlemen, you may say that this is a very small thing to notice; but the old saying still holds good, "Straws show which way the wind blows," and I could not finish my report without drawing your attention to this "little straw."

Thanking you kindly for your patient hearing.

Respectfully submitted,

C. F. Wade,

Secretary N. B. Pharm. Society.

REGISTRAR'S REPORT

Mr. President and Members of the N. B. Pharmaceutical Society:

Your Registrar begs leave to submit the following report, for the year ending June 20, 1905. Our register shows the number of persons qualified to engage in the drug business to be divided as follows:

	No.
Registered by business qualification	45
" " diploma qualification	43
" " servitude qualification	4
" " physician's qualification	13
Diploma holders not in business	45
Total	150

An increase in the grand total of nine over last year.

Two cases of unregistered persons engaging in the drug business have been reported to the Council. In one case legal proceedings were taken, with the result that the offender was fined and has since closed the business. In the other case a registered member of the Society has been put in charge of the store.

In regard to that part of my duties which requires me to collect the registration and other fees, it gives me great satisfaction to report that

our receipts this year are the largest we have had for several years. The members have responded with their usual promptness to the demand for the annual registration fee, there being no delinquents.

FINANCIAL STATEMENT

RECEIPTS

Fees from 100 members, \$2.00	\$200.00
19 applications, \$5.00	95.00
3 diplomas, \$5.00	15.00
Arrears	32.00
	\$342.00

EXPENDITURE

Amount paid "Royal Gazette"...	\$ 14.95
Amount paid Treasurer	327.05
	\$342.00

Respectfully submitted.

E. R. W. Ingraham,
Registrar N. B. Pharm. Society.

TREASURER'S REPORT

For year ending June 22, 1905.

RECEIPTS

1904.	
June 28, to cash received from late Treasurer	\$ 61.78
To cash in Bank, N.B., current account..	58.60
To cash deposited in Bank, N.B. (interest bearing)	697.67
1905.	
January 3, to cash received of E. R. W. Ingraham (Registrar)	86.00
January 27, to cash received of E. R. W. Ingraham (Registrar)	80.00
March 27, to cash received of E. R. W. Ingraham (Registrar)	45.00
May 17, to cash received of E. R. W. Ingraham (Registrar)	36.00
June 17, to cash received of E. R. W. Ingraham (Registrar)	80.00
	\$1,145.10

P. J. Donohue,
Treasurer.

EXPENDITURE

1904.	
June 30, "Sun" Pub. Co. adv. exams....	3.00
Dec. 31, E. C. Brown, travelling expenses to Port Elgin	9.42
1905.	
Feb. 8, C. S. Everett hire of tables for exams	2.50
Feb. 8, "Telegraph" Pub. Co. adv. exams	11.25
Feb. 8, "Sun" Pub. Co. adv. exams.....	3.00
Feb. 8, E. C. Brown, examination fee....	10.00
Feb. 8, M. V. Paddock, examination fee.	10.00
Feb. 8, Wm. H. Mowatt, examination fee.	10.00
Feb. 9, C. K. Short, examination fee....	10.00
Feb. 9, Dr. L. C. Allison, examination fee	10.00
May 17, Roger Hunter, postals and printing	1.75

May 17, Barnes & Co., postals and printing	4.75
May 17, D. F. Brown, cartoons for mailing	1.00
June 17, E. R. W. Ingraham, Registrar.	50.00
June 17, E. R. W. Ingraham, sundries...	4.80
June 20, C. F. Wade, Secretary	25.00
June 20, C. F. Wade, sundries (postage, etc.)	6.78
June 20, "Telegraph" adv. June exams..	3.75
" " "Sun" adv. June exams	3.75
" " E. C. Brown, exam. fee.....	10.00
" " M. S. Paddock, exam. fee	10.00
" " Wm. H. Mowatt, exam. fee	10.00
" " C. K. Short, exam. fee	10.00
" " S. L. C. Allison, exam. fee.....	10.00
" " Roger Hunter post cards.....	3.25
" " Bomhill, Sandford & Ewing....	52.00
" " Geo. Dick (coal), 70c.; C. S. Everett (table, \$3.60; etc.)	4.30
" " Amount deposited in bank, interest bearing	697.67
" " Amount deposited in bank, current account	58.60
" " Balance on hand	98.53
	\$1,145.10

P. J. Donohue,
Treasurer.

We the undersigned Auditors, appointed by your Council, have examined the accounts and vouchers of the N. B. Pharm. Society, and have found them correct.

H. J. Dick,
S. McDiarmid.

June 21st, 1905.

Moved, seconded and carried, that the reports be received and entered on the minutes, and that the Treasurer be requested to have the interest added once a year.

Mr. M. V. Paddock reported for the entertainment committee as follows: He said that through trouble on account of fire, and in other ways, he had neglected to communicate with Dr. Steeves, who at the annual meeting of the society had been put on a committee with himself; but at the last meeting the Secretary had been added to that committee, and they had provided a little outing this afternoon to Ben Lomond, and the members were asked to meet at 2 p.m. at Smith's drug store where teams would be in waiting, and that visiting members would be the guests of the St. John druggists.

Moved, seconded and carried, that we proceed to the election of Council for the year 1905-6, Messrs. W. H. Mowatt and S. Hawker to act as scrutineers.

The following were elected to the Council for the ensuing year: Messrs. S. Robertson, E. R. W. Ingraham, E. C. Brown, C. F. Wade, M. V. Paddock, W. H. Mowatt, Dr. Steeves (Moncton), Wm. Hawker, P. J. Donohue, A. Johnson (St. Stephen), R. E. Coupe and W. R. Rodd (Sackville).

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Offers a three years' graded course of instruction leading to the degree of Doctor in Pharmacy (P. D.)

The Lectures and Laboratory Instruction are given by teachers of national reputation and are pre-eminently practical in character. Students are thoroughly prepared, not only for State Board examinations, but also for the everyday needs of the retail drug business.

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Wholesale Importers of Fancy Leather Goods,
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We beg to announce that our travellers are now
on their respective routes, with a full and most complete
line of the season's latest productions.



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SMOKING PIPES

JUST PUBLISHED. Thoroughly revised and improved. ELEVENTH
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How many a tale their music tells
Of youth and home, and that sweet time
When last I heard their soothing chime!"

—Moore

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They are fully matured and tested before being "put up" for shipment and their uniformity may be relied upon for all classes of work.

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Write for samples and prices.

Stafford Allen & Sons Limited,

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I am a techno-literary purveyor of medical publicity matter—a specialist in medical **ADVERTISEMENT WRITING.**

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The new price of EYE-FIX is \$3.60 per dozen, less the usual discounts. We have recently adopted the "Serial Number" Price-Restriction plan. Retail opticians and druggists handling EYE-FIX sign a contract to not cut the price. It is sold everywhere at 50c. This means that on the most meritorious eye remedy in the market, and the one that will have the greatest sale, there is a profit of 66 $\frac{2}{3}$ % for the retailer.

EYE-FIX has the endorsement of leading oculists, opticians and physicians. The demand for it is steadily increasing. It is an article that should have a place in your stock. Handsome and attractive advertising matter given free with orders. Write for full particulars regarding our free proposition.

THE EYE-FIX REMEDY CO.

Department Q.

DETROIT, MICHIGAN

The officers for the ensuing year are Wm. Hawker, President; Dr. Steeves (Moncton), Vice-President; C. F. Wade, Secretary; P. J. Donohue, Treasurer; E. R. W. Ingraham, Registrar.

The retiring President's address was extempore, and was pleasant and instructive and filled with good advice, which if attended to would be to the good of the society generally. In part he said that he was pleased that the financial state of the society was so good, and that in membership the society was growing. That we had had to have the help of the law to have some things improved and quoted the Wilson case at Port Elgin. Mr. Wilson had given up the business, and it was now being conducted by Mr. Enman. Coming to the point of examinations—the results did not speak well for those that had been up before the Examining Board. Different cases were spoken of by Mr. Brown, for being an examiner for some years he knew whereof he spoke. He thought the N. B. druggists generally might take more interest in the society, and that if they did the society would become a great benefit to all connected with it.

He thanked the society for the honor they had done him the last year, and hoped in the years to come the society would still increase its membership and usefulness.

Mr. E. R. W. Ingraham then brought up the Pharmacy Act, saying "that it was quite out of date," and moved, "That 500 copies of the N. B. Pharmacy Act up-to-date be printed and that the incoming Council attend to the distribution of the same." Seconded and carried.

Mr. W. H. Mowatt then brought up the regulations for examinations, and the changes that might be made to advantage. What he said took effect, for he was one of the three on the revision committee, and like the last President had been on the Examining Board for years. He thought while making a change in the regulations we might have the proposed changes incorporated in the year's report, and in that way it would reach all the members, and they could give their opinion on the changes suggested. He then read the changes thought of.

Nearly all the members present spoke on this very important question, among them being Messrs. E. C. Brown, S. Robertson, Wm. Hawker, E. R. W. Ingraham, M. V. Paddock, and S. Hawker, and it was thoroughly discussed in every way.

Moved by S. Robertson, seconded by Wm. Hawker, and carried, "That the candidate be exempt from further examination on all papers on which he or she makes 60 per cent. or more."

Moved, seconded and carried, "That the fee of \$1.00 be charged for each extra examination."

Moved by W. R. Rodd, seconded by Dr. Steeves, and carried unanimously, "That the President send the greetings of the N. B. Pharmaceutical Society to the N. S. Pharmaceutical Society at that time in session in Kentville, N.S."

There being no further business before the meeting it then adjourned.

C. F. Wade,
Secretary N. B. Pharmaceutical Society.

The annual outing of the New Brunswick Pharmaceutical Society took place at Ben Lomond, when the genial Mr. Barker, ably assisted by his obliging wife, catered to the wants of the St. John druggists and their visiting Freres.

The weather was all that could be desired, and teams left Smith's drug store a little later than was intended, but the drive seemed all too short. No lovelier spot could be found for a day's outing than Ben Lomond, with its beauties of lake and woods, with the addition of fishing for those that like it, boating for those so minded, or a quiet stroll for the ones that are naturalists. It suited the visitors completely and the sunburnt faces of the druggists the next day told how it had been enjoyed. Those that were absent missed a good thing, and it is doubtful if the people of St. John and vicinity know that there is such a lovely spot so handy to the city and so easy to reach.

The time passed all too quickly when the dinner-bell was heard; but the hurrying of all to the hotel told that the bright day, jolly company and bracing atmosphere, had got their work in, and all were ready for dinner. Time fails one and space is too limited to describe what then happened. It is enough to say that the table groaned (as the saying goes) with good things, and the visitors found it out, and the waiters were kept pretty busy attending to the wants of good appetites. The reputation of the Ben Lomond House is still all right, and we will all go back again some day.

When justice had been done to the eatables, the toasts were all drunk in pure cold water, and heartily too. As the hour was getting late the speeches were shortened to suit the time, and soon the druggists were on their way home, and all agreed that one of the pleasantest outings on record had been enjoyed.

*BUSINESS METHODS

In this age of keen competition, business methods are of more importance than capital. If a man's business is built on a foundation of sound, business principles, he is sure to succeed, even if his capital is limited, whereas the man of

unlimited capital will in a good many instances make shipwreck of his business if he does not pay sufficient attention to the little details which count so largely in establishing confidence and winning the respect and patronage of the public.

In the short time at my disposal, I will not be able to go into details, but my object is to simply touch on a few points which I think are of importance, not that these are of greater importance than many others, but I feel that they are often underestimated or entirely lost sight of in the hustle and struggle of every day life.

The first point I would emphasize is the necessity of gaining the confidence and respect, not only of the public, but of our competitor in business. Scorn to take a mean advantage of your fellow druggist as you would scorn to betray a friend; rather show him that you merit and expect his friendship. This relationship once established, will do more to put the drug business on the high level it should occupy, than any other factor I can think of.

We are likely to find in our opposition just what we are looking for, and in nine cases out of ten, he will find in us the same things we fancy we find in him. If you want to know what your opposition thinks of you, write down all the annoying little things he has done, or that you imagine he has done to you, and you will have a fairly good idea of the very things that he imagines you to be guilty of. For, as a rule, we treat a man as he treats us.

As business men, let us look for the good points in each others lives and we will find many things to admire and emulate; and mutual confidence and respect will soon take the place of the animosity and bitterness that make our business relations so vexing and worrying.

Most of us have been trying to do to our fellow druggists as we think they would like to do to us; and a good deal of our energy has been wasted in "trying to do it first." Let us reverse this and follow the Golden Rule, and we will be amazed at the transformation.

This is not a theory, it is an established fact, and in every town, where it has been tried, the druggists will testify as to its success.

At least once in three months the druggists in each section should meet together and in a frank, friendly way, talk over and adjust grievances and plan for elevating our profession in the eye of the public. Let us merit the confidence of the public, not only as individuals, but as a profession; and this can only be done by first cultivating it among ourselves.

The second thing I will mention is the cut rate evil. As druggists, it becomes us to compare our business methods with those of other lines of trade, and in doing so, we will find that we

stand at a great disadvantage. The mechanic or even the common laboring man, does not strive to increase his business by selling his labor at 69 cents on the dollar. If wages are \$10.00 a week he does not offer to work for \$5.98. He knows a better way. He will tell you he knows more about his work than others in the same line; and his knowledge and neatness command proportionately higher wages.

There is no business where this rule will apply more than in the drug business.

We often hear a person say that a particular druggist is "high in price but his goods are always dependable," and this is the druggist who usually does the leading business in his town.

Better goods, not lower prices.

Better service, not catch penny schemes.

These are what we should offer as inducements to the public. The fact that we have spent so many years in selling postage stamps and doing other similar acts for the convenience of the public has created the impression that if they patronize us for postage stamps, it is nothing but fair that they should divide their patronage and buy their toilet soaps, essences, baking powders, etc., at the grocer's.

You take a pan to a tinsmith and ask him to put a drop of solder on a hole and he will charge you 5 or 10 cts. for a minute's work and you pay it cheerfully.

How different things are in the drug business. A customer asks you for 3 cents worth of lump ammonia. You wrap it up and hand it over with a smile only to be greeted with the remark that they forgot to say they wanted it powdered. You unwrap the parcel, take five minutes in powdering the ammonia, change a \$5.00 bill and hand back \$4.97 with the same sweet smile; and as you politely open the door, you thank them for their patronage and return to your chair in the back shop to bemoan the fate of the poor druggist, or possibly to order a new mortar to replace the one you knocked the side out of in pulverizing the ammonia. This cheap service does not elevate us in the eyes of the public and the sooner we get out of this way of doing things the better for all concerned. Give prompt and efficient service and charge fair prices and you will be the gainer in the end.

When a prescription comes in don't worry trying to find out how little the other fellow filled it for; put it up neatly and carefully and the price will be paid without a kick. It is true the public expect more for nothing from the druggist than from any other class of the community and so long as we depend on cut rate goods as trade winners, just that long will the public feel justified in expecting us to give them our time for nothing and our goods at cost.

Hot Weather Headaches

Spoil the pleasure of many an otherwise enjoyable summer outing. Riding long distances in crowded stuffy cars or travelling by boat in rough weather frequently cause disagreeable headaches or seasickness.

Stearns' Headache Cure

never fails to promptly relieve these conditions.

No other headache remedy gives the same prompt results.

No other headache remedy in demand gives you as large a profit.

Order a gross now. Special advertising matter with gross lots.

Frederick Stearns & Co.
Windsor, Ont. Detroit, Mich.

SUPREMA CREAM

There is no better Face Cream
on the market. Recommended
by the leading lady Masseuse of
America.

You can recommend this with
perfect confidence as a most satis-
factory preparation for summer
skin troubles

Sunburn, Tan, Freckles, Etc.

We have some good attractive
advertising matter that should be
in your hands.

Three fifty the dozen.

STEARNS	-	PERFUMER
Windsor,	-	Ontario.

A COMMON SENSE TALK.

(FROM THE APOTHECARY.)

"The World's Dispensary Medical Association has done more to make history in the last two years than any other proprietary medicine concern in the world. Last year Dr. Pierce led the 'Washington Promise' committee in their city organization work for better prices. This year with the 'St. Louis Club,' he is performing wonders with city schedules. Soon after the last N. A. R. D. Convention he made his fellow proprietors open their eyes by 'cutting off,' as wholesale agents one of the largest jobbing firms, McKesson & Robbins, of New York. When the Ladies' Home Journal made its recent general attack on patent medicines, Dr. Pierce, apparently, was the only manufacturer who cared to fight, and the result in his case has been a humble apology and acknowledgement of error by the Ladies' Home Journal and the probability that he will soon receive a big verdict for damages. But to crown the work of this great firm came the announcement that, beginning the first of April, the ingredients of his famous medicines the 'Favorite Prescription' and 'Golden Medical Discovery' would be printed on every bottle leaving their laboratory."

"There are two conclusions for the pharmacist to draw from the above story and they are that the World's Dispensary Medical Association is active and consistent in their friendship for the retailer and that they have the kind of goods that bears scrutiny."

IT IS A LEAD THAT YOU CAN FOLLOW!

As most physicians *insist* on knowing the make-up of the various compounds which they prescribe, so it is quite natural that most druggists as well should prefer to handle **medicines of known composition** rather than those of the constituents of which they are wholly ignorant.

Then, too, many greatly prefer to sell medicines of non-alcoholic character, to those containing a large percentage of spirituous liquors.

Dr. Pierce's medicines are strictly non-alcoholic, chemically pure glycerine, of proper strength, being used both for extracting and preserving their active medicinal principles.

The ingredients of Dr. Pierce's medicines are **KNOWN TO YOU**. The best authorities on *materia medica*, such as Drs. Bartholow, Scudder, King, Coe and Ellingwood, recommend the ingredients used in making Dr. Pierce's medicines. Dr. Pierce's medicines **sell ALL THE YEAR AROUND**. They are generously advertised. **You can afford to recommend** Dr. Pierce's medicines.

SEND FOR WINDOW DISPLAY MATTER,

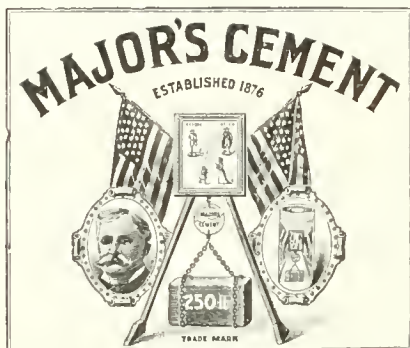
reproducing the medicinal plants in Dr. Pierce's remedies in beautiful colors.

World's Dispensary Medical Association, Proprietors,

No. 663 Main Street, Buffalo, N. Y.

You'll Miss a Sale

If you don't carry



It is being advertised extensively and your customers will want it. A thing you can recommend

Three Varieties

CHINA—RUBBER—LEATHER

ALPHONSE MAJOR

461 Pearl Street, N.Y. City.

D. WATSON & CO., Montreal, Agents for Canada

ROUGH ON RATS

TRADE MARK

**DON'T
DIE IN THE HOUSE**

UNBEATABLE RAT EXTERMINATOR.
Established and safely used 30 years. The standard Rat, Mouse, Cockroach and Bed Bug Exterminator of the World. The most extensively advertised and the largest sale of any Exterminator on earth. Gives universal satisfaction everywhere.

Rough on Roaches and Ants
Non-Poisonous—15c, \$1.20 doz; 25c, \$2.00 doz

Rough on Fleas Powder, 25c, \$2.00 doz
Liquid, 25c, \$2.00 doz
The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

Rough on Bed Bugs Liquid, 15 & 25c
\$1.20 & \$2.00 doz

Rough on Moth and Beetle 2 lb. cans
35c, \$3 doz

TO JOBBERS. On orders one kind or assorted, \$36 gross, and over 10 per cent. discount and freight paid. For cash with order 2 1/2 per cent. may be deducted.
E. S. WELLS, CHEMIST, JERSEY CITY, N. J.

Complete "Up-to-Date"

STATIONERY WAREHOUSE

An Immense New Stock on Hand

PAPER—Every Kind, Size and Weight.

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OFFICE SUPPLIES—Complete Assortment.

ACCOUNT BOOKS of every description.

Special patterns made to order.

LEATHER GOODS—New Styles and Designs now in process of manufacturing.

Printers' and Bookbinders' Supplies.

Letter Orders Solicited. Prompt Attention.

Come and See New Building.

BROWN BROS., LIMITED

51-53 WELLINGTON ST. W., TORONTO

Druggists—Attention!

For your fall school trade we have the finest

JET BLACK SCHOOL INK

on the market.

WRITES **BLACK**—NOT BROWN
STAYS **BLACK**—NOT BROWN

Flows freely—absolutely no sediment. This ink is on the market for the first time this year and has taken the trade by storm; once used, school children will take no other.

Free Sample on Application.

Made in Canada.

The COLONIAL INK CO., Limited

HAMILTON

CANADA.

Burnett's Breathlets

You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

DOES IT PAY TO CUT PRICES?

Under some circumstances, yes. Under most circumstances, emphatically, no. If your opposition is an aggressive cutter and will not listen to reason, by all means cut and spare not; for as a rule the man who starts the cut-rate evil is a man who cannot command trade in any other way and when you knock this prop from under him you will soon see his finish.

In other words, never show your lack of ability or want of self respect by trying to attract customers by beginning a cut-rate campaign, but if you are compelled to cut in self defence, hit back with so much vigor that your opposition will soon come to his senses.

As a rule the man who starts the cutting is a dishonest man and the public will soon find it out. He cuts prices to give the impression that he sells everything at very low prices, whereas he knows perfectly well (and the public soon learns it too) that if certain lines are sold at cost the average profit must be kept up in some other way.

But we are spending too much time on this part of our subject and the hundred and one other things I intended to say will have to be dropped for some other occasion, but in closing let me suggest a few points that I think will prove profitable themes for consideration.

1st. Establish a reputation for truthfulness
2nd. Study to be courteous to every customer, young or old, rich or poor.

3rd. Strive to have your stock just a little better and a little more complete than that of your neighbors.

4th. In trying to win customers make your ability as a chemist and your efficient and careful attention to customers your strong drawing points.

5th. Always give a customer the article he or she asks for. Customers soon learn to shun a store where they have to listen to arguments of a 2 year apprentice who tries to induce them to take a substitute.

A JET BLACK INK

When laying in your stock for the fall school trade don't forget to order a supply of the Jet Black Ink manufactured by the Colonial Ink Co., Limited, Hamilton, Ontario. It is well named Jet Black because it both writes and stays black, while it flows freely and has no sediment. It is on the market for the first time this year and is meeting with general approval. This company did their manufacturing for some time at Peterboro, but moved a short time ago to Hamilton, where they have secured greater facilities. See their change of advertisement in this issue.

HOMŒOPATHIC PHARMACY

By Fide

I was engaged for many years in a large homœopathic establishment in England, and it may interest your readers to know something of the forms of prescriptions presented to be filled, daily. Of course, to dispense these accurately, it is necessary to imbibe as far as possible, the spirit of homœopathy, by studying the Homœopathic Pharmacopœia, or its companion, conscientiously, for a period.

I will start with powders first :

1. R. Merc. Lolab 3 x gr. iii. in pulv.
Ch. xviii. Sig. Cap. unam omni nocte et manè.
2. R. Strych. Nuc. Vom. 3 gr. iii.
R. Sacch. Lactis q.s.
Gt. tal. pulv viii.
Sig. Cap. i in dies [3].

Each powder in numerical order to be dissolved in three tablespoonfuls of water. A tablespoonful to be taken three times a day.

NOTE.—Here the physician adheres to the rule, "One medicine at a time," but in order to have a better mental effect on the patient, he alternates it with sacch. lactis.

3. R. Bry. Alba
1, gtt. i in pulv.; tal. vi., sig. 1, 3, 5, 7, 9, 11.
R. Ipecac
1, gtt. i in pulv.; tal. vi., sig. 2, 4, 6, 8, 10, 12.
Sig. Cap. 1 ter die.

Note.—As these powders are given in numerical order, the patient will take the medicines alternately, as desired by the physician.

4. R. Arsen. 3 gr. ii.; tal. vi. sig. 1, 2, 5, 6, 9, 10.
R. Spigd. 1 gtt. ii.
Sacch. lact. q.s. ft. pulv.
..... tal. vi. sig. 3, 4, 7, 8, 11, 12.
Sig. Cap. 1 alt. quâque die. [2]

Each powder in numerical order, to be dissolved in about a wineglass full of water, one half to be taken at bedtime, the other half in the morning, every other day..

5. R. Bellad. 3 gtt. iii. in pulv
..... tal. vi. sig. 1, 3, 5, 7, 9, 11.
R. Phosph. 3 gtt. iii. in pulv
..... tal. vi. sig. 2, 4, 6, 8, 10, 12.
Sig. Cap. 1 in dies [3].

Each powder in numerical order, to be dissolved in 3 tablespoonfuls of water. A tablespoonful three times a day.

6. R. Pulsatill 3 gtt. v.
R. Sacct. lac. q.s. ft. pulv.
.... tal. vi. Sig. Cap. 1 in duobus dies [10.]

Each powder to be dissolved in 10 dessertspoonfuls of water. A dessertspoonful five times a day.

TRITURATIONS

- R. Graphites 3 trit. 5ss.
Sig. Cap. Coch. trit. omni tertiâ horâ.

Dose.—A trituration spoonful (as much as will lie on a 5 cent piece) to be taken three times a day.

TINCTURES

- R. Gelsem. 1 $\bar{5}$ ss.
Sig. Cap. gtt ii, omni horâ ex cyath. vino, aquae.

Two drops to be taken in a wineglassful of water every hour.

MIXTURES

1. R. Bellad 1 gtt xx.
Aqua dist. $\bar{3}$ viii.
Sumat cochl. ampl. secundâ quaque horâ.
2. R. Bry. Alb. 1 gtt. xii.
Aquae Purae ad $\bar{3}$ iv.
Sig. No. 1.
- R. Phosph. 3 x gtt. xii.
Aquae Purae ad $\bar{3}$ iv.
Sig. No. 2.
Sig. Cap. med. quaque tertiâ horâ alt.

LOTIONS

- R. Arnica mont. ϕ $\bar{5}$ ss.
Aquae Purae ad $\bar{3}$ viii.
Fiat Loto Sig. ter die utend.

The strength is usually $\frac{1}{8}$, i.e., 1 fl. drachm tinct. to 1 oz. ungt. simplex, or cetacei.

OINTMENTS

1. R. Cerat. Arnica i.
Sig. ut dictu utendum.
- R. Ungt. Calendulae $\bar{3}$ i.
Sig. Nocte maneque applicandum.

LINIMENTS

- R. Tc. Rhus tox. $\bar{3}$ ii.
Lin sap. simp. ad $\bar{3}$ ii.
Mix. Sig. saepe applicandum.

The strength of this liniment is $\frac{1}{8}$ from matrix tincture, i.e., the usual strength of homoeopathic liniments.

GLYCERINES OR GLYCEROLIS

- R. Verat. viride (matrix) $\bar{5}$ ii.
Glycerin pur. ad $\bar{3}$ iv.
Mix. Sig. Apply to part affected every night.

GARGLES

- R. Kali. Bichrom. pur. gr. iii.
Glycerin $\bar{5}$ ss.
Aq. ad $\bar{5}$ xii.
Ft. Gargar. Sig. ter die utendum.

Not to be swallowed.

PILULES

- R. Pulsat. 1 pil xxx sig. No. 1.
Rhus. tox. 1 pil xxx sig. No. 2.
Cap. 1 or 2 alt. tertia hora.

TABLETS

- R. Sulphur trit. tablets. xl.
Cap. 1 tab. ter die sum.

Here the required trituration is moistened with spirit, and pressed while damp into moulds, with bone spatulas. When dry the tablets are ready for use.

- R. Hydrastin, Mur. pur. gr. $\frac{1}{2}$
Ft. Suppos. secundem artem.
mitte tales viii
Sig. Mode dictu applicandum.

Opodeldocs are semi-solid forms of liniments, using spirit, curd soap, and distilled water as a base, and medicated $\frac{1}{8}$ with the external tincture. And here let me add that the Greek letter ϕ or denotes the mother (matrix) or strongest preparation, from which all the attenuations are made, whether decimal or centesimal dilutions. The strength of the matrix tincture is 1-10 of the pure drug in a suitable menstruum. It must be noted, however, that in every instance, where trituration, or solution in distilled water, (e.g. kali bich.); or solution in a mixture of alcohol and distilled water matrix, the sign ϕ represents the pure drug or chemical on hand. In such cases the 1 x attenuation or dilution would contain in solution, or otherwise, 10 per cent. of the pure medicinal substance.

Acid Nitric, ammon. carb. copaiba, iodine, petroleum, creosote, are good examples.

Thus R. Tinc. Iodine 1 x 5 ii would signify that 2 fl. drachms of a 1 in 10 preparation of iodine in the necessary solvent was required, the pure iodine being looked upon as the matrix ϕ preparation. Injections are usually prepared by the patient, by diluting a sufficient quantity of a glycerole (2 fl. drachms to 4 fl. drachms) containing the required medicament, with a certain amount of tepid water.

Homoeopathic triturations are attenuations of crude drugs, using sugar of milk (sacch. lactis) as a diluent. They are made by trituration in scrupulously clean mortars. It takes a long time to acquire the steady telling grind of the hand of the trained pharmacist. In all cases the time employed is considerably longer than is thought necessary in allopathic pharmacy. The writer has spent as much as live hours grinding such triturations as Lycopodium ix. Hahnemann claimed that only in this way could dynamization be brought about, and therefore the fullest power of the medicine be realized.

The medicated pilules are prepared, by allowing the unmedicated pilules to gradually absorb the potency required. They are prepared in large quart bottles, and should they not dry readily, the cork is removed until the alcohol is evaporated, when they are ready for use. One writer has said that the keynote of homoeopathy is simplicity, and surely this comes as an inspiration in these days of complex prescribing and feverish poly-pharmacy. As Newton wisely remarked,

"More is vain when less will serve,
For Nature is pleased with simplicity."

While preparing for the "rainy days" of the future, it does not pay to miss the sunny ones along the way.

MATHER'S CHEMICAL FLY PAPERS

FOR POISONING

Flies, Wasps, Ants, Mosquitoes, Etc.

LONDON WHOLESALE AND EXPORT AGENTS

MACE & HALDANE,

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YOU FEEL SAFE WHEN WRITING A CHEQUE WITH



\$7 Value for \$1

Saves Cost of Check Punch,	\$5.00
Value of Year's Ink Supply,	1.00
Cost of Pencil,	1.00
Total Value,	7.00

Holder needs to be filled with water only, to produce the best ink anywhere. No leads. Point never breaks or needs sharpening. Will last for years. Soon saves its cost. **PRICES**—Plain, \$1.00; Chased, \$1.25; Chased and Gold Mounted, \$1.50. New Ink-making Cartridges in green, blue, violet, or black copying or red ruling, 10c.; by mail 12c. Ordinary ink may also be used. Great for Stenography. Around the world and never out of ink.

AS TO FOUNTAIN PENS. The "Nosack" Self-Filling IS UNEQUALLED.

Simply draw the cap off and the pencil is full. Compared to the watch, this Pen is the stem winder; the old styles, the key winders, PRICE, \$2.50. No inside pumps to leak or break. No rubber sacks to rot, or room for ink to take. No fillers to find, and when found they are broken. It cleans—it fills—no profane words are spoken. Our pen values are intrinsic. Not inflated.



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New York.
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COWAN'S Pure, Powdered CHOCOLATE

for

Soda Water Fountains,
Ice Cream, Etc.

is very choicest quality
and absolutely pure.

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TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.



CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

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Steer a Safe Course
The safest course for delicate skins is to use
BABY'S OWN SOAP.
No Other Soap is as Good.
ALBERT TOILET SOAP CO. Ltd. Montreal.

This Soap is being extensively advertised. It will pay you to keep it in stock and supply the demand.

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MANUFACTURERS OF

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"OLD TIMES" and "WHITE WHEAT"

ASK

"CRUSADER"

PORT

THE CHOICEST
INVALID PORT

Its purity and age commend it for medicinal purposes. Sold only in bottles for sale in cases, 12 quarts and 24 pints.

J. S. Hamilton & Co.
BRANTFORD

Wholesale Distributors for Canada.

MINARD'S
"KING OF PAIN"
LINIMENT

Sold to the trade from

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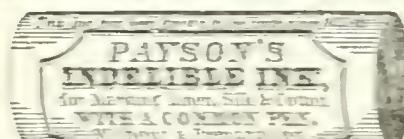
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CARDS . . . Canada Views . . .

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Over 5,000 Views in Stock. Wholesale and Retail. Write for Price List.

W. E. ADAMS, 401 Yonge St., Toronto, Ont.
Established 1897.

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Old Canadian and U.S. stamps in any quantity. Want Postage. Also any 4c. to 10c. Also dollar value of U.S. Send with price for prompt cash.

KING, SON & CO.

141 East 19th St. New York City

THE SUNSET DOORWAY OF THE DOMINION

The above title is one which is claimed by the city of Vancouver, which some of the admirers of that place call "An Occidental Pearl Set in Silver Sea."

B.C., and Messrs. McDowell, Watson & Atkins, Ltd.

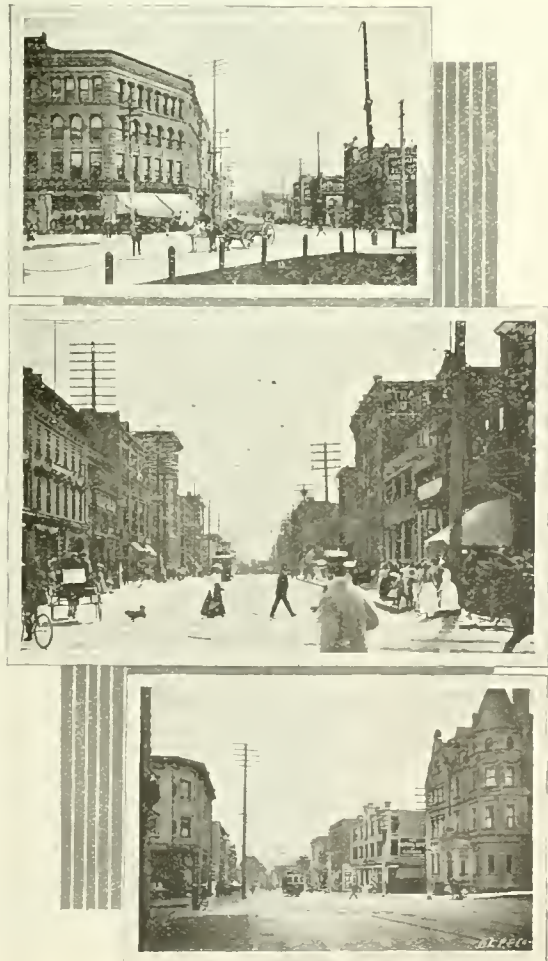
New Westminster, which is only a little over seven miles from Vancouver will this year have a Dominion Exhibition, to be held Sept. 27th to Oct. 7th.



The tourists on arriving on the Pacific Coast of the Dominion find themselves at once in a city of no mean dimensions, where a quarter of a century ago the rugged bear, as well as the timorous deer peacefully roamed. What was then a comparative wilderness is now a centre of commercial industry and of large manufacturing interests, and although but a harbinger of still larger and more varied industries, as he proceeds into Eastern Canada, yet the forests and mines of British Columbia which are only yet in their infancy as regards development will prove one of the richest portions of the Dominion of Canada.

The city itself (named after the great explorer) growing rapidly and now not much short of fifty thousand people, is on a peninsula and almost entirely surrounded by salt water. Rising with a gentle slope, from a harbor praised the world over for its beauty, size, and the land-locked security offered to the largest ships, Vancouver presents either from sea or land a very handsome and charming appearance. Laid out on modern lines with broad streets, well paved with asphalt or blocks, the visitor finds in a few minutes that he is in a thoroughly modern, up-to-date city, where cleanliness is regarded by the people as a "sine qua non."

The drug trade is well represented in Vancouver, and, in addition to its full supply of retail houses, two wholesale drug warehouses make this place their headquarters, Henderson Bros., Ltd., who have also a warehouse in Victoria,



HASTINGS STREET

Photographic Notes

AMIDOL DEVELOPING SOLUTIONS

The following are convenient formulas for using amidol as a developer:

1. Sodium Sulphite (crys.).....10 oz.
Distilled Water 50 fl. oz.
Amidol 1 oz.

Dissolve, filter quickly, and fill up in small bottles.

For use, dilute with from 2 to 4 volumes of water. Do not spare potassium bromide.

2. (a) Distilled Water 100 Gm.
Potassium Meta-bisulphite 25 Gm.
Amidol 100 Gm.
(b) Distilled Water 100 Gm.
Potassium Bicarbonate 20 Gm.

To 100 Cc. of water add 100 Cc. of "a" and from 5 to 50 Cc. of "b," according to time of exposure. For normal exposures 20 Cc. are suffi-

cient. Do not apply the solution till effervescence has ceased.

METOL-QUINOL DEVELOPER

According to The Photogram, Messrs. J. Hauff & Co., have issued a new formula for this developer which reads as follows:

Water	1,000 c.cs.
Quinol	5 gms.
Metol	3 gms.

When dissolved, add

Sodium sulphite	150 gms.
Potassium Carbonate	1-3 gms.

For use mix with an equal quantity of water. The duration of development is about four minutes, and the temperature should not be above 65 degrees F.

METASULPHITE OF POTASH

Messrs. A. & L. Lumiere and A. Seyewetz some time ago published the results of experiments they



A DRUGGIST ON HIS HOLIDAYS

HORLICK'S MALTED MILK

**For INFANTS, INVALIDS,
the AGED and TRAVELERS**

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MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

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ambition during the hottest month of the year, we
make the following special offer for **August Only**

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Regular \$25 College
Course in Optics
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This \$5.00 covers the entire fee for our complete course with diploma and degree, "Doctor of Optics," which we grant to every student that passes the examination. This school was never known to date back or sell a diploma and for this and other reasons stands high in the estimation of the Medical and Optical Societies. Our course is a short cut to the Optical profession. We teach optics in the most simplified way, stripped of all technicalities. It is easily understood and thoroughly practical, as thousands of our students throughout the United States and Great Britain who are now engaged in successful practice, can testify. Our school is incorporated and chartered. When you enroll with us, you enroll with a school of good standing, and one of the oldest and best Optical Schools in the world. Address

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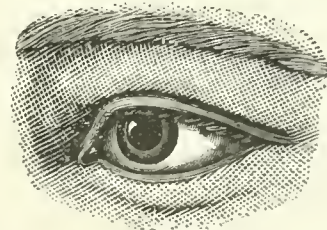
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Silver Polish (powder) - -	.75
Children's Clean Head Lotion -	1.25
Preston's Effervescing Saline, sm1. size	1.50
Roach Killer Powder - -	.75
Rosaline Jelly - - - -	1.25
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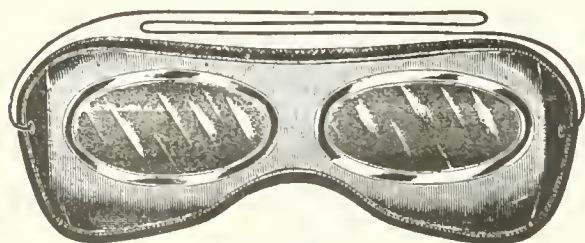
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BROOKLYN, N. Y.

have been making as to the alteration of metaspulphite of potash and bisulphite of soda on exposure to air. The results may be quoted, as they fully confirm previous observations that metaspulphite of potash is a fairly permanent salt. It was found that a solution changes considerably, but less markedly than a solution of sulphite of soda. Crystallised bisulphite of soda is very liable to alteration in the air, but solutions are not less stable than those of metaspulphite of potash. The alteration of solutions of the potash salt is, however, according to the authors of the research, a matter of importance, and on this account anhydrous sulphite of soda is to be preferred for practical work.—Chemist and Druggist.

FLASH-POWDER

A recently patented flashlight powder, which it is claimed is non-explosive and produces very little smoke is made as follows:

Magnesium	20 parts
Aluminium	10 parts
Iron Oxide	6 parts
Copper Carbonate	4 parts
Magnesium Sulphate	1 part

DEVELOPER FOR DRY PLATES

Captain Abney recommends the following formulae for a developer for dry plates:

a.—Potassium Citrate	700 grn.
Potassium Oxalate	200 grn.
Water	
b.—Ferrous Sulphate	300 grn.
Water	3½ oz.

Mix in equal proportions.

"CRESTO" PAPER

This is a printing-out paper with a matt surface which is toned in any ordinary gold or platinum bath. The maker especially recommend the following bath:

Gold Chloride	15 grn.
Water	8 oz.
Solution of thio-urea (sulpho-carbamide) ¼ ounce Thio-urea to 5 ounces of water	
Citric Acid	30 grn.
Common Salt	1 oz.

The gold is dissolved in eight ounces of water; enough of the solution of thio-urea is added drop by drop to re-dissolve the precipitate produced when it is first added. In the clear colorless solution thus obtained the citric acid and salt are dissolved. Each ounce of this solution (which keeps indefinitely) is diluted with water to a pint before use.

Optical Department

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics, Toronto.

CANADIAN OPTICAL ASSOCIATION

The 1905 meeting of the Canadian Association of Opticians was held this year at Montreal. Dominion Day and the preceding one were chosen by the executive in place of a later date as in former years. The sessions were held in Natural History Hall, a very commodious building. The convention opened for business at 2.30 o'clock on Friday, June 30th, with Samuel S. Grant, of Montreal, presiding. After the usual routine of opening the convention, Prof. Grant delivered his address to the delegates present in which he pointed out the rapid strides that had been made by the profession during the past year, showing that they had merited a greater share of public confidence and patronage, and that the profession therefore shared in the general prosperity. He also touched upon the formation of new associations in different parts of the country.

After the President's address the members discussed the appropriation of a name for the use of the profession, the majority being in favor of the word "optometrist," which is being used largely in the States. The discussion turned from this to the more important subject of incorporation for the society, and this matter is now in the hands of the new executive to bring this about during the ensuing year. At the present time a number of persons, calling themselves opticians, but who were altogether undeserving of the name were practising to the detriment of the profession at large. If the Association were able to obtain a charter and copyright a name, it would prevent anyone from using this name and practising under its protection, until their capabilities were proved by passing a series of examinations to be set by a board, appointed by members of the Opticians' Association.

This session was adjourned to accept the invitation of Mr. Normandin, of the Canada Optical Co., for a trip down the Lachine Rapids. An hour and a half was spent very pleasantly on board the steamer "Sovereign," which was greatly enjoyed by about twenty-five members.

At the evening session a paper on "Prism Heterophorie Correction" was read from Dr. John S. Owen, of Detroit, who was on the programme as a speaker, but was unable to be present. Following this was a short business session, and then the meeting adjourned until Saturday morning at 9.30.

More delegates arrived for the Saturday sessions, the treat of the morning session being a

paper by Mr. Culverhouse, of Toronto, entitled "Refraction, Accommodation, and Equilibrium of the Eye."

Mr. Dunscombe, of Bristol, England, who is President of the B.O.A., sent greetings via cablegram. Mr. Dunscombe was elected an honorary member of the C.A.O.

Regret was expressed that Mr. Lionel Amsden was unable to be present on account of sickness.

President Grant opened the afternoon session by delivering a lecture on "Comparative Anatomy." Many members were present and listened very attentively. After this lecture the remaining business before the convention was the election of officers for the coming year. Those chosen are as follows, and were all elected by acclamation:

President—F. E. Luke, Toronto.

Vice-Presidents—(1) W. H. Garatsee, Lachute, P.Q.; (2) W. H. Kearney, Renfrew, Ont.; (3) S. Skinner, Sherbrooke, P.Q.; (4) Mr. Bockus, Granby, P.Q.

Executive Committee—Messrs. E. Culverhouse, T. H. Brown, W. E. Montgomery, Toronto; Samuel S. Grant, Montreal.

Membership Committee—H. L. Geiger, E. A. Lewis, W. E. Montgomery, Toronto.

Secretary—H. L. Geiger, of Toronto.

After the election of officers the meeting adjourned to accept an invitation from Mr. Collin, of the Montreal Optical Co., for a trip up Mount Royal. About 25 members took carriages and the trip was thoroughly enjoyed.

At 9.30 the members and invited guests assembled at Picadilly Cafe on Philip's Square, for the final session of the convention. Mr. Luke, the President-elect, proposed the toasts. He asked all members present to help him during the coming year.

In responding to "Our Past Officers," Prof. Samuel Grant remarked that his two years as President had been years of pleasure, and had been due to the loyalty of the rank and file of the members. The Association to-day was as prosperous as it had ever been, and in this connection Prof. Grant drew pictures of the progress made in their profession—for it was a profession equal to any—in the last 25 years. No one would have dared to prophecy then of the high standard that would be attained, or of the advancement made in professional and scientific knowledge; 25 years ago there was not an optical society on the continent, now each State had organized associations.

"The Wholesalers" was responded to by Mr. T. Collin, Sr., Mr. J. E. Normandin and Mr. W. Randall Brown, and Mr. W. H. Garatsee, of Lachute, proposed "The Ladies."

Mr. E. Culverhouse, Toronto, spoke for the

Canadian Opticians' Association, which had done so much in educating the members up to a higher standard of work. Dr. Leys, of Detroit, expressed the pleasure it afforded him to meet his Canadian brethren.

"Our Travellers" was replied to by Messrs. T. F. Butler and R. Carmie, and "Our Profession" by Dr. Harvey, of Toronto. The British Optical Association and the American Association of Opticians were also honored. During the evening Mr. G. I. Mahoney and Mr. T. Coffin, Jr., rendered vocal selections. One of the invited guests of the evening was Miss Dunscombe, daughter of the B.O.A. President. The session adjourned at midnight, and thus one more Annual was added to the history of the Canadian Association of Opticians.

\$40,000 A YEAR RENT FOR A DRUG STORE

The announcement is made of the contemplated opening in Chicago of a drug store which, with only two or three exceptions, will perhaps prove to be the largest in the country, says *The Bulletin of Pharmacy*. It is to be located on the first floor of the Reliance Building, at the corner of State and Washington Streets. This building is a large office structure entirely given up to physicians and dentists, and housing nearly 300 of these professional men. Mr. von Hermann, who has for years had a successful "office" pharmacy on the second floor, will be the manager of the drug and prescription departments of the new establishment. The owners are the Central Drug Co., who operate four stores in Detroit and one in Grand Rapids, Michigan. Mr. W. H. Burke, president of the company, and a well-known Michigan druggist, is, of course, the leading spirit in the enterprise. It is reported that the tremendous rent will be paid of \$40,000 a year, and that the total expenses of the concern will foot up to the surprising figure of over \$200 a day. In order to keep the expenses down to a basis of 20 per cent., it will thus be seen that a daily business will have to be done of over a thousand dollars. Truly, this is the day of large operations in the retail drug business!

THE LEWIS AND CLARK PHARMACEUTICAL CONGRESS

The Lewis and Clark Pharmaceutical Congress met at Portland, Oregon, July 11-14, 1905. The American Medical Association and the Lewis and Clark Dental Congress also met at Portland at this time. The sessions of the Pharmaceutical Congress were held in the parlors of the American Inn, situated on the Exposition grounds.

If men did everything their political enemies charge how busy they would be.



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3 oz.	8 oz.	16 oz.
\$.60	\$1.10	\$2.00

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W. C. Matthews, General Manager, Canada

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Stationers in
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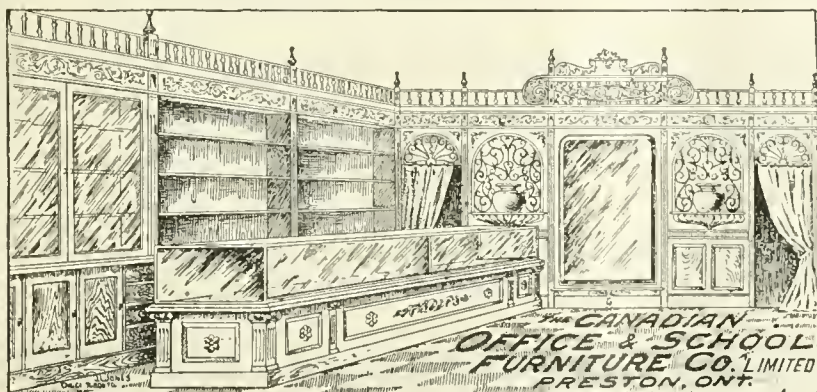
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gross boxes

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HINKS, WELLS & CO., Birmingham, E-g.



Show Cases
Shop Fixtures
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Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard LONDON, ENG.
Aldersgate Street



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

CHLORODYNE JUJUBES

PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Miltum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

LINSEED, LIQUORICE AND CHLORODYNE
LOZENGES

Are now in great demand. We recommend all who have
not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

Containing Aniseed, Benzoin, Chlorodyne, and other valuable
Ingredients.

Sent out in 4-lb. Glass Show Jars. (Jars free.)

PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale Drug House in Canada can supply, or indents may be sent direct to Manchester



THE MARTIN, BOLE & WYNNE CO.

WHOLESALE DRUGGISTS

And Importers of Fine Druggists' Sundries

Corner of Princess and Market Streets

WINNIPEG, MANITOBA

COMING WEST?

SHOULD you desire to come to the great North-West, either to engage in the drug business for yourself, or to take a position as a clerk, we may be able to assist you.

We are constantly in touch with every section of Western Canada, and we shall be glad if we can be of service to any one, desiring information, as to location, etc.

—WRITE US—

Drug Report

Toronto, July 24, 1905.

Business during the month has been about as usual at this season of the year. There have been no marked changes in values.

Oil Cedar and Citronella have been advancing for some little time.

Gum Shellac shows higher tendency.

Insect Powder and Paris Green sales have been large, but price is unchanged, although in the United States Paris Green has advanced some five cents a lb., since the opening of the season.

Chloral Hydrate is costing more money.

Opium is higher and sympathizing with it Morphia and Codeia have also advanced.

Menthol, Buchu Leaves, Bromide, Soda Bromide, Ammonia Bromide are easier in price.

Citric Acid has been advanced by the manufacturers, and all Citrates sympathize with it.

Carbolic Acid English manufacturers advanced their price half a cent per lb.; no change so far here.

Mercury has been advanced \$1.00 a flask by the manufacturers. If it should go much higher the Salts will be affected.

PRICE FLUCTUATIONS

A—Advanced. D—Declined.

A. Arsenic Metal	oz.	.20
D. Ammonia Bromide	lb.	.50
D. Acid Salicylic	lb.	.15
A. Acetone, Commercial	lb.	.35
D. Acid Tannic	lb.	.85
A. Bismuth Oxalate	oz.	.50
D. Cocoa Butter	lb.	.50
A. Chloral Hydrate	lb.	\$1.20
A. Eugenol	oz.	.60
A. Ginseng Root	oz.	.55
D. Leaves Buchu	lb.	.30
D. Menthol	oz.	.25
D. Mercury	lb.	.85
A. Morphia Sulph	oz.	\$1.85
A. Oil Cedar, No. 2	lb.	.55
A. Oil Lemon Grass	oz.	.35
D. Oil Tansy	oz.	.40
D. Oil Rosemary, Commercial	lb.	.65

A. Opium	lb.	\$1.80
A. Potassium Chloride	lb.	.35
D. Pot. Bromide	lb.	.35
A. Scopolamine Hydrochlor, 5		
gr. tube	ea.	\$1.25
D. Soda Carb., C. P., Dried	lb.	.35
D. Soda Sulphite, C. P., Dried	lb.	.35
D. Soda Bromide	lb.	.40
D. Soda Salicylate	lb.	.60
A. Soda Chloride, Pure	oz.	.12

NEW GOODS

Metakalin, tubes of 10 tablets	The.	\$1.70
Aluminium Metal	oz.	.15
Copper Foil	oz.	.15
Zinc Foil	oz.	.20
Ammonia Sulphite	oz.	.15
Platinic Chloride, 5 per cent. so-		
lution	oz.	\$1.50
Acid Thimic (see Thymol)		
Iron Ammonia Sulphate	oz.	.10
Sodium Sulphohydrate	oz.	.30
Stovaine, 25 gramme package	ea.	\$1.75
Ammonia Bisulphite	oz.	.25
Pyramidon, 25 gramme pack-		
ages	ea.	\$2.25

SPECIAL ATTENTION

I buy and sell Drug Stores exclusively. Expert service. Special plan. Drug men furnished positions. Employees furnished. It will pay you to write for particulars.

F. V. KNIEST, R.P.,
"The Drug Store Man."

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\$50 to \$100 per month salary assured our graduates under bond. You don't pay us until you have a position. Largest system of telegraph schools in America. Endorsed by all railway officials. Operators always in demand. Ladies also admitted. Write for catalogue.

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FOR SALE

Small, clean, nearly new stock of Drugs, Sundries and Groceries, with small amount of handsome Fixtures. Would divide stock, and, if quick reply, would sell at bargain.

LOCK BOX D, Paisley, Ont.

AGAINST TRADING STAMPS

Mr. Fitzpatrick's bill in regard to trading stamps is presented as an amendment to the Criminal Code, section 526a, and is as follows:

"(a) The expression 'trading stamps' includes, besides trading stamps commonly so-called, any form of cash receipt, receipt, coupon, premium ticket or other device, designed or intended to be given to the purchaser of goods by the vendor thereof or his employee or agent, and to represent a discount on the price of such goods or a premium to the purchaser thereof, which is redeemable either,

"(i.) by any person other than the vendor, or

"(ii.) by the vendor in cash or goods not his property, or not his exclusive property, or

"(iii.) by the vendor elsewhere than in the premises where such goods are purchased, or which does not show upon its face the place of its delivery and the merchantable value thereof, or is not redeemable at any time;

"(b.) The expression 'goods' means anything which is merchandise or the subject of trade or manufacture;

"(c.) The expression 'everyone,' 'vendor,' 'purchaser,' 'merchant,' 'agent,' or 'person,' includes any partnership, or company or body corporate.

"2. Every one is guilty of an indictable offence and liable to one year's imprisonment, and to a fine not exceeding five hundred dollars, who, by himself or his employee or agent, directly or indirectly, issues, gives, sells or otherwise disposes of, or offers to issue, give, sell or otherwise dispose of trading stamps to a merchant or dealer in goods for use in his business.

"3. Every one is guilty of an indictable offence and liable to six months' imprisonment, and to a fine not exceeding two hundred dollars, who, being a merchant or dealer in goods, by himself or his employee or agent, directly or indirectly, gives or in any way disposes of, or offers to give or in any way dispose of trading stamps to a purchaser from him of any such goods.

"4. Every one is guilty of an offence and liable on summary conviction, to a fine not exceeding twenty dollars, who, being a purchaser of goods from a merchant or dealer in goods, directly or indirectly, receives or takes trading stamps from the vendor of such goods or his employee or agent."

"526b. Any executive officer of a corporation or company guilty of an offence under sub-section 2, or sub-section 3, of the next preceding section who in any way aids or abets in or counsels or procures the commission of such offence, is guilty of an indictable offence and liable to the punishment stated in the said sub-sections respectively."

AMERICAN PHARMACEUTICAL ASSOCIATION

The following is the provisional programme for the Atlantic City meeting of the American Pharmaceutical Association:

Monday, September 4th, 10 a.m.—Meeting of the Council; 3 p.m., first general session; 8.30 p.m., reception.

Tuesday, September 5th, 10 a.m.—Second general session; 3 p.m., section on commercial interests; 8 p.m., section on education and legislation.

Wednesday, September 6th, 10 a.m.—Section on education and legislation; 3 p.m., section on historical pharmacy; 8 p.m., section on scientific papers.

Thursday, September 7th, 10 a.m.—Section on scientific papers; 3 p.m., meeting of conference of teaching faculties, meeting of Association of Boards of Pharmacy; 8 p.m., lecture on radium by Prof. Charles Baskerville.

Friday, September 8th, 10 a.m.—Section on practical pharmacy and dispensing; 3 p.m., section on practical pharmacy and dispensing; 8 p.m.—Installation of new officers.

Saturday, September 9th, 10 a.m.—Last general session.

NORWAY COD LIVER OIL

A correspondent of the Trade Review (St. John's, Nfld.) furnishes that paper with the following details of the catch of cod fish and production of oil during the past ten years.

It will be observed that the supply of oil obtained for the season ending June, 1905, is much larger than that of any of the previous nine years and the proportion of oil produced in relation to the number of fish as compared with other years would indicate a better oil as when in 1903-4 the production was lowest the livers were in a starved condition.

Codfish.	Codliver Oil.
1905—45 millions.	41,900 barrels.
1904—50 millions.	18,600 barrels.
1903—48 millions.	2,950 barrels.
1902—45 millions.	22,500 barrels.
1901—40 millions.	35,400 barrels.
1900—39 millions.	33,100 barrels.
1899—38 millions.	35,500 barrels.
1898—42 millions.	26,600 barrels.
1897—62 millions.	35,600 barrels.
1896—52 millions.	24,000 barrels.

WINNIPEG MERCANTILE BASE-BALL LEAGUE

The Winnipeg Mercantile Wholesale Baseball League has been organized. Amongst the teams who have entered is one from the wholesale drug house of Martin, Bole & Wynne Co., Ltd. Mr. Bentley, of this house, is one of the executive committee.

The Canadian Druggist

VOL. XVII.

TORONTO SEPTEMBER, 1905

No. 9

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

TORONTO, ONT.

Telephone, Main 3203

Cable Address: SAYD, TORONTO

DRUG MERGER

The announcement that a consolidation of interests was to take place in the shape of a merger of wholesale drug firms has, as might be expected, created a good deal of interest in drug circles generally. The project is one that was mooted some time ago, but no action was taken looking towards its completion. Now, however, some of the leading firms composing the Canadian Wholesale Druggists' Association have expressed a desire that such a movement should be expedited, and we understand that measures have been taken to "sound" the wholesale trade in order to ascertain whether the project can be carried into effect.

The proposed company is to be composed of twelve wholesale drug houses, and to have a capital stock of six million dollars.

The very keen competition existing between the various drug firms in Canada, and which is felt more largely perhaps in Ontario and in the Eastern or Maritime Provinces has necessitated the employment of a large number of travelling representatives which it is claimed might be considerably reduced in the case of the new company becoming an established fact, and that other savings could be effected in the running expenses, thereby increasing the revenue to a considerable extent.

There is no doubt that the number of representatives which cover the territory, especially in the provinces which we have mentioned, is largely in excess of the needs of the trade, and there is a constant overlapping which renders it impossible for any individual representative to secure orders which are at all commensurate with the expense incurred, and which yield a sufficient profit. That this could be remedied without the proposed merger, we firmly believe, if the Wholesale Druggists' Association, which appears to work very harmoniously, would systematize a plan for the doing away with the frequent calls of their travellers, and at the same time afford ample facilities for the retail trade. Another feature which should not be lost sight of is that in the case of the organization of a strong company such as proposed the difficulty in regulating the prices of patent medicines would be minimized, as the output of many houses, no doubt, could be controlled.

Whether the proposed merger will take place or not is as yet entirely problematical, some of the leading firms we understand being strongly in favor of it, while others seem to be of the opinion that amalgamation of firms in various localities without bringing all into one large company would be more advisable, while others outside of the association seem to look upon the scheme as one to help rather than hinder their individual interest.

To the retail trade it is only a question of whether the proposal would mean to them an advance in prices, or whether, in common with the wholesale trade, they would be gainers by a reduction in prices consequent upon a reduction in the running expenses of the wholesale trade.

We watch with interest the outcome of the movement, concerning as it does, not only local but outside interests.

A TIME FOR PROMPT ACTION

What are the members of the syndicate known now as the Toronto Drug Trading Co. doing in reference to the control of prices and the carrying out of the price-contract plan? Is it not time that a decision was arrived at either to have dividends declared on subscribed stock alone, thus

carrying out the spirit as well as the letter of the plan, or else altogether handling those goods which have been placed on the market on this plan? The retail druggists who compose this syndicate are supposed to have the interests of the retail trade generally at heart, and, if so, let them show it at once by taking such steps as will secure full prices and a control of these prices on the only plan which has yet been proved to be workable.

That such action is necessary and that immediate steps should be taken has been forcibly brought to our notice from reliable information which we have received, showing that a large cut-rate drug house is now negotiating for the purchase of a property on Yonge street in a very central locality for the establishment of a "cut-rate" drug store, which, if established, would, we believe, mean the demoralization of prices for all time to come.

COUNCIL PROCEEDINGS

The first meeting of the newly elected Council of the Ontario College of Pharmacy was held at the College Building, Toronto, Aug. 7th, and succeeding days. The meeting was characterized by a business-like procedure, due no doubt in part to the fact that the Council of 1905 is composed entirely of the members of the previous Council, and, consequently, were able to take up business as if no interregnum had taken place.

The business transacted was mainly of a routine character, but one or two points of particular interest might be mentioned.

The proposition to enlarge the scope of the College by admitting students from all the provinces of Canada, and, as Mr. Sweet said, making it "the leading school of the Dominion" must commend itself to all well-wishers of pharmacy, provided the building can be made capable of accommodating a largely increased number of students, a matter which is now in the hands of a special committee who will consult an architect in reference to the proposed alteration and enlargement of the building.

The motion presented by Mr. John Hargreaves, and which was carried unanimously, looking to the regulation of the sale of "habit-forming drugs," such as morphine, cocaine, etc., is a timely one and we hope to see this matter expedited and the law rigidly enforced. We have from time to time urged this course upon all our pharmaceutical bodies and have given drafts of similar legislation as passed in several States of the neighboring republic. It is a matter for regret that individually druggists do not as a unit, take a decided stand in refusing sales of these

drugs to those who, they must know, are regularly addicted to the habit.

The financial statement as presented by the Treasurer is exceedingly gratifying, showing as it does a balance to the credit of the College of \$71,273.27.

The increase in salary granted to the Dean of the College is but a proper recognition of the value of the services rendered by this gentleman, and to whom the prosperity of the college is in a large measure due.

THE NATIONAL STANDARD DISPENSATORY

The National Standard Dispensatory by Hare, Caspari and Rusby, will be ready for sale September 1st, the date when the new U. S. Pharmacopoeia goes into effect. By authority of the Convention it will contain every article in the new U.S.P., as well as the explanations and instructions necessary to understand and apply the brief statements to which the official guide is restricted.

The National Standard Dispensatory is a new work, a distinct improvement upon anything of the kind hitherto published. Its authors, Dr. H. A. Hare, of Philadelphia; Prof. Charles Caspari, Jr., of Baltimore; and Prof. H. H. Rusby, of New York, are all men of the highest eminence in their respective fields, and are all members of the Revision Committee of the U.S.P. They have carefully matured its plan so as to render the maximum service to both professions it interests, namely, pharmacy and medicine. It not only covers the new U.S.P. as aforesaid (and the chief foreign pharmacopoeias as well), but the scarcely less important domain of the unofficial drugs and preparations so largely used. It offers full information regarding the pharmacognosy, the pharmacy, and the medical action and uses of all substances used in pharmacy and medicine at the present day. Pharmaceutical methods and products are covered, with descriptions of the most approved apparatus and tests.

Dr. Hare has again justified his reputation for knowing what is wanted by giving a compact and direct presentation of modern therapeutics in the section dealing with that subject in the case of each drug. The appendix contains useful tables, formulae, etc., for practical work.

This work of the maximum utility is alone in the field.

CARBOLIC ACID ORDINANCE

A law is in force in both New York and Chicago which provides that carbolie acid, if in solutions greater than 5 per cent. in strength, may not be sold, except mixed with equal quantities of alcohol and glycerine (both antidotes to the poison).

GRAND PRIX, ST. LOUIS, 1904

Howards & Sons

LIMITED

ROCHELLE SALTS

QUININE

MERCURIALS

CAMPHOR

EPSOMS

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SPIRITS

SODII BICARB.

AETHERS

ETC., ETC., ETC.

OF THE HIGHEST STANDARD OF
EXCELLENCE

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LONDON E., Eng.

Canadian Agent:

MR. J. M. SCHEAK,

Carlaw Buildings, Wellington Street West, Toronto.

E. Merck
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Tannic Acid

Apomorphine, Atropine, Cocaine,
Chloroform, Codeine,

Lithia Salts, Mercurials,

Potass. Iodide, Salicin, Salol, Tinctures.

AND ALL OTHER MERCK PRODUCTS

May be obtained through the ordinary Trade Channels.

St. Louis Exhibition 1904—Grand Prix and Gold Medal.

C. F. BOEHRINGER & SOEHNE
MANNHEIM, WALDHOF

MANUFACTURERS OF

B. & S. BRAND

COCAINE

B. & S. BRAND

Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline, Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin, Gallic Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorcin, Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited, Montreal

WILSON'S INVALID'S PORT

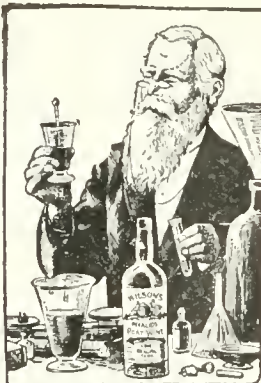
"It Stands the Severest Test"

A Pharmaceutical combination of pure Oporto with Peruvian Cinchona Bark, constituting a powerful tonic, possessing remedial properties of unparalleled value, making it a wonderful health restorer.

ALL DRUGGISTS

Big Bottle \$1. Six Bottles \$5.

Prepared according to the WORLD'S GREATEST PHARMACOPÆIAS



LEARN PHARMACY AT HOME

Taught by Mail Diplomas Awarded



It is not necessary to go to college to learn pharmacy. We teach you by mail. Our graduates and students in 44 states, including Mexico, England, New Zealand, Canada, Prince Edward Island, India, British Honduras, Philippine Islands, Puerto Rico, Bahama Islands, Australia, and Newfoundland, will all testify to the great value of our course. We give exactly the same instructions given by the colleges at a decided saving of time and money. Our graduates are successful before the State examining boards. Write for particulars. Our terms are easy.

THE OHIO INSTITUTE OF PHARMACY, Columbus, Ohio.

..ROB ROY PEN..

Sold by all Stationers in 18 varieties in



6d., 1s. and gross boxes

HINKS, WELLS & Co. beg to draw attention to this new series of turned up, pointed and other pens, made of the same material, by the same tools, by the same process, and at the same works, as the well known series of Waverley Pens, which Hinks, Wells & Co. have for 30 years and upwards (prior to September, 1901), manufactured for and supplied to the proprietors thereof.

HINKS, WELLS & CO., Birmingham, Eng.

Burnett's Breathlets

You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

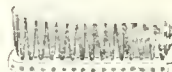
Contractors to His Majesty's Government

R. ADDIS & SON

London Brush Works, London Fields, London, England.

"Everfast" Tooth Brush

PATENT



No. 6,615

WARRANTED LONDON MADE

These brushes are manufactured on an entirely new principle. In addition to the ordinary means of securing the bristle, holes are drilled through the sides and our "Everfast" cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristles in the mouth being completely removed. Only materials of first-class quality used.

To be obtained of all Wholesale Houses and Merchants.

HEYES BROTHERS

TORONTO, CANADA.

Wholesale Importers of Fancy Leather Goods, Druggists' Sundries, Pipes and Smokers' Articles.

We beg to announce that our travellers are now on their respective routes, with a full and most complete line of the season's latest productions.



Wholesale Distributors

of these Celebrated

SMOKING PIPES

Rubber Goods.

Now is the time to lay in a stock of Rubber Goods for Fall and Winter Sale. Anticipating a brisk demand for these, SAUNDERS & EVANS have just received a large supply of their special goods, consisting of Pure Gum, Water Bottles, Combinations, Syringes (both Bulb and Fountain), Sprays, Atomizers, Nipples, &c., &c.; also the same kinds in their Sterling line. All goods are absolutely fresh, guaranteed for a year, and at manufacturers' prices.

SAUNDERS & EVANS, Limited

—TORONTO, ONT.—

Note Trade Mark

THIS IS THE ORIGINAL PREPARATION IN LIQUID FORM



CANT BE BEAT

ARPENTER'S

Water-proof Liquid

COURT PLASTER

Heals Cuts, Burns, Wounds and all Abrasions of the skins

It is an invisible, water-proof, pliable, antiseptic, germ-destroying plaster, healing rapidly. WE OFFER \$1,000.00 for every drop of COLLODION Acid, or Gun Cotton found in this preparation.

Toilet Size 10c.

Physicians' Size 25c.

Ask your JOBBIER for it. Manufactured by

CARPENTER CHEMICAL CO., Detroit, Mich., U.S.A.

THE BEST DRUG REPRESENTATIVE IN CANADA

It is an acknowledged fact that the commercial traveller or travelling representative, or drummer, call him by whichever of these names you will, is an indispensable factor in the commercial world in Canada, as well as elsewhere. The time was in this country when his visits during the year were few and far between, but with the enlargement of trade and the keen competition between the various houses, scarcely a day passes that the trade are not called upon by a representative of some house, in order to exploit the sale of his special line of goods. Amongst the army of commercial travellers in the drug and kindred trades there are many who can claim special distinction on account of qualities particularly their own, but one thing they cannot do, and that is to be in every place at one and the same time.

We believe, however, that we can name the representative who has the ability to cover all the ground almost simultaneously and whose business bringing record is one that cannot be disputed. Leaving the office on the first of each month "The Canadian Druggist" at once appeals to all the retail trade throughout the whole Dominion, on behalf of the advertisers, which it represents, reaching the entire trade from Victoria, B. C., on the Pacific coast, to Cape Breton, N.S., on the Atlantic, and also including the British colony of Newfoundland, and from the U.S. boundary line on the south to the most northerly inhabited commercial point in the Yukon Territory. From the fact that a large proportion of our advertisers regularly place new advertisements each issue in this journal, calling attention to seasonable goods, and special offers, it can certainly be called the commercial representative "par excellence."

We might further add that this representative not only presents the claims of the various drug houses, as well as of all the manufacturers and jobbers of lines handled by the drug trade, simultaneously to every druggist in the land, but also carries with it a budget of news and information which, we can confidently say, far exceeds that brought personally by any other representative.

The retail drug trade of Canada are a live, progressive portion of the commercial element, and being wide awake to the requirements of their customers, as well as to possibilities of individual trade, eagerly look for and carefully peruse not only the reading matter, but also the advertisements which appear in these columns.

Without wishing to appear egotistical, we are convinced that "The Canadian Druggist" is looked upon as the most direct and most profitable way of coming directly in touch with each individual druggist in Canada at a stated period of time.

THE SUCCESSFUL SALESMAN

To ensure his becoming a successful salesman every clerk should have a liking for his work and have confidence in his ability and in the goods he is selling. The man who takes a position merely because he cannot get anything else to do, or because he thinks the work is lighter and easier than in any other occupation, will very rarely be a success. His heart will not be in his work, and, consequently, he will be either lazy or indifferent. The aim of the prospective druggist, when he commences as a clerk, should be to throw himself into the work with enthusiasm, learn all he can about it, how the business is conducted, how the books are kept, the best way to attract customers, how to dress the windows to catch the eye of the passerby, and to thoroughly master all the many details that are essential to the success of the business as a whole. In fact he should be just as much interested in the welfare of the business as if he were financially interested in it himself. It may go against the grain sometimes to work up this enthusiasm, when the salary is not large, but, all the same, the man that does so is getting valuable experience and information that will stand him in good stead when he starts in business on his own account.

With confidence must be shown persistence, which must not, however, be carried to such a point as to be offensive. The experienced salesman always knows when to stop urging the merits of an article on his customer. Talking too much will sometimes result in the loss of sales. Here is where judgment is required, and discernment, because one customer will stand more talking than another, while an excess of praise of the merits of an article will in some cases only result in unprofitable discussions and arguments.

When talking about goods be sure to avoid all exaggeration, because the customer is led to expect much in consequence of such inflated language, and when disappointment results he will take care never to do any business with you again. Stick to the truth and state the plain merits of the goods in question and nothing more. The results will then be satisfactory.

Don't be discouraged because at first you cannot make sales. There are very few born salesmen in the world. It is only in time and after much practice that a man becomes a first-class salesman. We repeat—if you have your heart in your work and try to do your best there is no reason why you should not succeed.

The successful advertiser is the man who has the goods and lets people know the fact.

DISCOUNTING BILLS

The merchant who borrows money from the bank or who gives his note payable on a certain date, would certainly consider it unbusinesslike to allow that time to pass without promptly paying off his indebtedness, and yet we find that some men, who buy bills of goods on certain terms of discount, persistently allow the time to expire during which such discount is allowable, and then expect the manufacturer or wholesaler to accept the bills with the discount deducted. When a manufacturer, as he has every right to do, adds on interest for the extra time beyond the limit of the account, these same merchants are apt to become abusive and refuse to place any more orders with the firm. The ground taken by such men is that the wholesale firm or manufacturer should appreciate the value of their patronage sufficiently to allow their accounts to run until it was convenient for them to pay them. As a matter of fact, some do submit to the imposition, but far better is the position taken by those who, knowing that it is sound and business-like, refuse to accept any modifications of the terms as originally agreed on, even at the risk of losing the patronage of the merchants who may feel aggrieved.

Fortunately for the country at large, the number of merchants who disregard their trade obligations in the manner referred to is not large, otherwise the results would be serious in their effects on trade, and a want of confidence would be created which would react to the disadvantage of the man who disregarded his business obligations.

CARRYING SIDE LINES

While the fact that, under present conditions, many druggists find it impossible to make a decent living by carrying on a drug trade pure and simple without handling any side lines is to be deplored, still the fact remains that such is the case, and that being so, it is far better to face matters and adjust one's business to circumstances than to sit down and bemoan the fact, without doing anything to remedy the state of affairs. It is surely far better to carry profitable side lines which, added to the profits derived from the drug trade, will bring the druggist in a fair return for the capital invested in the business, than to poke along, making barely enough for a living out of drugs alone.

We are well aware that some, principally among the older members of the profession, whose earlier years have been passed under different conditions from those which now prevail, hold that it is rather a "come-down" for a man, who has had to pass a stiff examination in order to qualify himself as a druggist, to handle, say,

cigars or confectionery, for which no special qualifications are required, except that of being a good salesman, but the druggist who handles side lines does not lose any of his dignity thereby. He derives a fair share of his income from the drug business which his special qualifications enable him to conduct, his store is always known as "the drug store," and, should he conduct a stationer's business as well, the title of "druggist" always appears first on his letter-heads, circulars, and advertisements. And, even supposing that one's feelings are hurt, is it not better to put pride in one's pocket and swallow the supposed affront to one's dignity, inasmuch as side lines are indisputably profitable articles to handle. The conditions of business are changing every day. In the majority of trades and professions one is constantly encroaching on the business of another. As regards the drug profession the grocer is now handling many articles which used to be the druggist's special prerogatives, and which would have remained his, had he exerted himself more in the sale of them. Other trades, too, have cut into his business. Under these circumstances it is not incompatible with the dignity of the druggist to retaliate somewhat and keep on sale articles which, in the natural course of events, might have seemed extraneous to his business.

FALL LEATHER GOODS

There are very few changes to be noted in the style of fall lines of leather goods, and these only in the fancy leather lines. Flat goods will be popular in hand-bags, and, in the cheaper grades, the small flat bag with strap handle, centre compartment for coin and two pockets on side, either unfastened, or closed with leather flap over the frame, will be in good demand. In the higher priced goods the variety and quality has never been exceeded, copies of French and German fancy leathers made up on this continent being numerous. Among samples seen are a buffed pigskin, tinted in various shades of green or brown, with several intermediate degrees of coloring. This buffing in some manner causes a soft, velvety "feel," a condition which has not hitherto been attainable in this kind of leather. The name given to this buffed pigskin is Effleure. Another kind is "granite calf," which has a mottled, smooth-finished effect in slate color. There are numerous designs in the "Luxmore," the patterns being cut out of the surface and tinted different colors, bringing them out in bold relief, which is very striking on patent leather. Each maker has his own design and name for his goods, and they vary from pretty to odd. One manufacturer of high-class goods has brought out an inlaid leather, in which the design is cut out

Everything FOR THE Drug Trade



BABY FOODS pay the Retail Druggist **LESS PROFIT** than any other proprietary article.
Why do you not handle a tried and proven article on which your profit is 75% to 100%?

BABY'S OWN FOOD is the article. Samples for physicians free for the asking. Once introduced, it soon makes a steady sale. Small size, \$1.75 per doz.; large size, \$3.50 per doz.

THE DOMINION FEEDER is the newest and the only truly Hygienic Feeder on the market. It has features that instantly command the attention of all persons interested in the proper feeding of children. Price \$2.00 per doz.

The **DOMINION DRUG CO.**
LIMITED

HAMILTON, ONT.

COWAN'S Pure, Powdered CHOCOLATE

for

Soda Water Fountains,
Ice Cream, Etc.

is very choicest quality
and absolutely pure.

The Cowan Co., Limited
TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.

CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited
TORONTO





WALL PAPERS

Before You Place any Order Let Us Demonstrate to You the Superiority of the "Staunton" 1906 Line. Our Salesmen's Trunks Hold the Evidence.

STAUNTONS Limited
TORONTO

— THE —

Picture Post Card House
OF CANADA

(Established 15 years.)

WE make special series of Souvenir Cards for every locality from photos supplied by customers, and guarantee the finest finish to be had.

300 different Canadian Post Cards, and a large assortment of Fancy Cards ready for immediate delivery.

Write for Samples and Prices

The Montreal Import Co.
17 ST. JOHN ST. - MONTREAL

PRIME SOURCE OF SUPPLY FOR

Fine Essential Oils

DRUGGISTS', PERFUMERS',
CONFECTIONERS' AND SOAP-MAKERS'
MATERIALS

Being in exclusive control of the following well-known brands, we can quote most attractive prices for goods of unquestioned purity and strength. No house in Canada can surpass us in the articles we offer; will pay you to correspond.

Spurway et Cie., Cannes, Grasse, France. Est. 1785. Floral Waters, Pomades, Perfume Oils.	E. Sachsse & Co., Leipzig, Germany. Established 1859. German Oils and Chemicals.
Magnus & Lauer, New York. Geo. E. Pierce, Messina, Italy. Compagnie Morana, Zurich, Switzerland.	Bing, Fils et Cie., Paris, Fran. McKenzie Bros., Kobe, Japan Societe des Huiles D'Olive, Nice, France.
Vital Deselos, Orne, France.	M. Bauman Fils, Paris, Fran.

SECURE OUR QUOTATIONS AND SAMPLES

N. C. POLSON & CO., Kingston, Ont.

Buy The Best

ALWAYS SPECIFY "KERRY'S"

**Effervescent
Sodium
Phosphate**

GUARANTEED STRICTLY PURE

Sold either in bulk or 25c., 50c. and \$1.00 bottles.

The London Drug Co.
LONDON, ONT.

on the surface, and then filled in with another leather, on the same principle as inlaid silver work.

Travellers' companions, an idea borrowed from Germany, are something new. They are small toilet boxes, covered with seal, pigskin, or cow hide and lined with silk. They contain a complete set of toilet articles, and range in size from small to 12 x 15 x 5 inches. Japanese-made goods are largely in evidence. These are now, in some cases, made up in the popular styles over here. Goods manufactured from patent leather promise to be good sellers for the fall and holiday trade.

J. WINER & CO.

Mr. J. Judd Mason, sundry buyer for J. Winer & Co., Limited, of Hamilton, sails for home on the 10th of the month. Mr. Mason has visited the principal business centres of Europe, and has selected for his firm an excellent line of goods for next year's business, and the druggists of Canada may expect to see the above company's representatives on the road in the spring, with an equally fine, if not finer display, than that shown last year.

H. K. WAMPOLE & CO.

As indicated in a former issue, Messrs. H. K. Wampole & Co., having obtained liberal inducements from the ratepayers of Perth, Ontario, have decided to move their manufacturing plant to that town, one of the strong inducements being the plentiful supply of pure, rich milk to be obtained for use in the manufacture of their infants' and invalid food which is to be a leading article with them.

The Toronto office will be located at 80 Bay Street, and will be in charge of Mr. A. A. Carriek.

NEW NURSING BOTTLE

The Dominion Drug Co. have just secured patents in Canada, United States and Great Britain on a new nursing bottle, which will be known as The Dominion Feeder. The advantage of this bottle consists in the fact that it can be divided in the centre, and thus permits of being wiped out, every part of the interior of the bottle being easily reached by the fingers. The patentees advise that the hygienic points of the bottle have met with such instant recognition, that they have been unable to keep pace with their orders, and that they are now much over sold. Full particulars and illustrations will be given in the next issue of this magazine.

MUST HAVE THEM

It is now quite a common thing for the maker of Wilson's fly pads to receive mail orders from Germany, from different parts of the United States, and from outlying parts of our own Dominion. The universal testimony of the writers is that nothing else will take the place of Wilson's Pads.

SOME BOTANICAL FIELD NOTES

By Prof. Geo. Tester

I have taken several strolls through the woods in Ontario and have been amply rewarded by finding a perfect wealth of floral beauty. I would advise any pharmaceutical student who wishes to gain some practical knowledge in botany to go and do likewise. On a sunny day it is delightful to visit such a shady place:

"Where side by side near swampy bog, bloodroot and mandrake grow,

Whose palmito leaves rise gracefully, whose white blooms nod below.

And modestly in nestling nooks, the yellow violets spring,

There perched at night the whip-poor-will, likes his queer lay to sing."

So many belong to the N.O. of Ranunculaceae that I shall confine myself in the article to this order alone, for it is a very important one in pharmacy.

One of the most beautiful flowers to be seen was the wild Columbine, *Aquilegia Canadensis*. The stem is about a foot high, smooth and branching freely. Leaves decomposed, leaflets in threes. The nodding flowers have a rich scarlet color, and are yellow within. Another very showy flower that grows preferably near or in water is the marsh marigold, *altha palustris*. The bright yellow flowers are composed of 5 to 9 sepals (the petals are suppressed). The leaves are large, crenate, and cordate; the stem hollow and furrowed.

A plant conspicuous for its pretty foliage is the early Meadow Rue, *thalictrum divicum*. The alternate decomposed leaves appear very much like those of the maiden-hair fern. This is a dioecious plant, staminate and pistillate flowers being found on different plants. The drooping yellow anthers cannot fail to attract one's notice, when passing a staminate plant.

The wind flower or wood anemone, *Anemone nemorosa*, is commonly found in woods and copses. The delicate blooms are composed of 4 to 7 oval white sepals, and are borne on solitary scapes. Below each flower there is an involucre of three petiolate bracts (which are whorled together). The fruits consist of a number of seed-

ed achenes. Hepatica or liverwort, the Anemone hepatica, or Hepaticariloba, is another early spring flower growing on the borders of woods. Like the marigold, rue and windflower, the petals are wanting. The sepals are from 6 to 12 in number, whitish or delicately tinged with purple. Here the involucre consists of 3 obtuse bracts appearing at the base of the flower. The peduncle is hairy. The dark green coriaceous leaves are made up of 3 rounded lobes and appear later than the flowers. All the above flowers grow in Ontario. En passant, I might mention a few medicinal plants belonging to this order: *Actea alba* is the white baneberry; *Actea* or *Cimicifuga Racemosa* (black snake root or bugbane); *Anemone pulsatilla* (*pulsatilla*); *Aconitum napellus* (wolfsbane, monkshood); *Delphinium* (various species) (larkspur); *Clematis*, various species, no petals, (virgins' bower); *Hydrastis Canadensis*, no petals, (golden seal); and sub-order, *Berberideae*: *Pocockophyllum peltatum* (mayapple or mandrake); *Berberis vulgaris* (common barberry); *Caulophyllum thalictroides* (blue cohosh or pa-poose root).

Before leaving we will classify one of the plants, e.g., buttercup or bulbous crowfoot, belong to N.O. Ranunculaceae: Sub-Kingdom, Phanerogamia; Class, Dicotyledoneae; Sub-Class, Angiospermae; Division, Polypetaleae; N.O., Ranunculaceae; Genus, *Ranunculus*; Species, *Culbosus*.

PRELIMINARY EXAMINATIONS MONTREAL COLLEGE OF PHARMACY

At the recent meeting of the Preliminary Board of Examiners, held in Montreal and Quebec, thirteen candidates presented themselves for permission to study pharmacy, of these the following candidates, named in order of merit passed, namely: J. O. Provost, Lucien Fortin, Alf. M. Deschene, R. C. Lussier. The following candidates passed on all subjects but arithmetic, namely: Henri Doray and H. Granger, who will have to present themselves at the October examination for that subject. The examiners were Professors J. O. Cassegrain, of the Jacques Cartier Normal School, and Isaac Gammell, of the High School, Montreal. The next examination will be held on October 5th.

PAPER

We call the attention of our readers to the advertisement of Douglas & Ratcliff, Limited, Toronto, which appears on page 415 of this issue. This is one of the leading firms in the Dominion dealing in wrapping papers, toilet papers, paper bags, twines, etc., and the items in the advertisement specially referred to make mention of toilet

and drug papers particularly attractive for the drug trade. The D. and R. toilet papers are of more than ordinary interest furnishing not only splendidly appearing goods, but excellent quality and economical values. While this firm are well known as supplying drug papers in sheets or rolls, best white, and attractive colored, just the goods for up-to-date druggists, their medical drug twine is also among the list of supplies that has special merit. The wants of the trade have been fully anticipated and are being met with marked success by this firm who make a study of the druggists' needs, and it only requires a trial order to demonstrate their ability to please.

RE INVESTMENT

The attention of our readers is called to the advertisement of the Albert Soaps, Limited, Montreal, manufacturers of the well-known Baby's Own and other standard brands of soap. A new company has recently been formed with a capital of \$200,000 in shares of \$50 to take over the business of manufacturing soap which has been carried on for many years by Messrs. A Savage & Son, one of the most reliable and respected firms in Montreal, the management, however, remaining in the same hands. The offer made by the company to give all retailers a good chance of securing an allotment of stock by reserving it for the retail trade until Sept. 30 is, we believe, a good one and merits the consideration of our readers.

DRUG BOWLERS

Bowling appears to be a favorite pastime with druggists and at this as well as at everything which they undertake they do it well.

At the recent Dominion Bowling Tournament, held at Toronto, the following amongst others participated: Messrs. J. Mattinson, of London Drug Co.; C. McD. Hay, of Lyman Bros. & Co., Toronto; J. A. Carnahan, J. T. Mackenzie, and W. A. Hargeaves, Toronto, and S. A. Hodge, Mitchell.

PREPARATION OF OINTMENT OF LEAD ACETATE

The new Pharmacopoeial Commission, now sitting at Rotterdam, has recommended (Pharmazeutische Zentrallhalle, April 13, 1905) the following formulae for an ointment of lead acetate, to be freshly prepared: Lead acetate, 2 parts; distilled water, 3 parts; olive oil, 5 parts, and lard, 5 parts.

THE "LETTER-ORDER" HOUSE

Prominence has been rather constantly given by us to the fact that we consider direct orders as calling for special consideration.

That we have not betrayed the trust reposed in us by our many correspondents is evidenced by the development of our business of this kind.

We are very appreciative of the favor thus shown and hope for an extension of it. Are we getting **your** letter orders? We invite you to put us on trial.

Pricing is, of course, the main feature of our service. We have but one scale of prices—travellers prices and office prices are uniform. We give our best values always taking **quantity** liberally into consideration. Drug orders make the best test. Prices of patent medicines are universally uniform.

Always bear in mind that

WE ARE MILLERS

Our powdered drugs, chemicals and spices are therefore guaranteeable and **are** fully guaranteed.

Our powders are beautifully fine. E. & Co. spices will increase your trade.

We are also

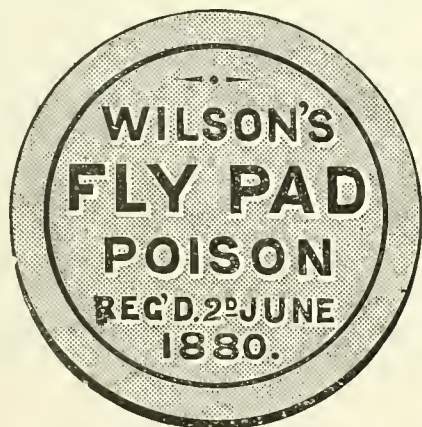
MANUFACTURING PHARMACISTS

And in this department we recommend a thorough enquiry into our ability to serve you though you may at present be yourself manufacturing quite extensively. Please look up Fluid Extracts, Tinctures, Syrups, Elixirs, etc., etc.

Faithfully yours,

THE ELLIOTT & CO., LIMITED

5 Front St. East, TORONTO.



THAT'S IT

THE MOST SATISFACTORY FLY KILLER
THE ONLY ADVERTISED FLY KILLER
THE FLY KILLER THAT SELLS
THE FLY KILLER THAT PAYS

Archdale Wilson, Hamilton

ANTIKAMNIA PREPARATIONS

REGISTERED SEPT. 3 1890.



MADE ONLY BY
THE ANTIKAMNIA CHEMICAL COMPANY, ST. LOUIS, U.S.A.

NEW ARRIVALS AND SPECIALS

Armour's Mammary Tablets.
 " Peptonizing Tubes.
 " Suprarenal Ointment.

Chevlurine

Spohn's Distemper Cure, small and large.
 Nutri-Ox Fluid Beef, 1 oz., 2 oz. and 4 oz.
 " Tomato Bouillon, 8 oz.
 Eade's Pills.
 Bioplasma Adrena.
 D. & F. Ophthalmic Capsules.
 Glycogen Capsules.
 Pollantin Powder.
 " Liquid

Babcock's Cut Roses Talcum Powder.
 " Corylopsis Perfume in 8 oz. bottles.
 Vim Beauty Brushes.

Odol

Mennen's Corn Cure.
 Herpicide Soap.
 Hudnut's Violet Water, 8 oz.
 San Toy Perfume.
 Zeno's Blue Bells, 8 oz.
 Cameron's Rheum Cure
 Kimo Tablets.
 Hugo's Health Tablets.
 Zutoo Tablets, 10c. and 25c.

The "New" National Standard Dispensatory

will be published about September 1st. We quote on arrival:

Cloth cover,	\$7.25 net cash, or \$7.63 usual terms.	Full Leather cover,	\$8.00 net cash, or \$8.42 usual terms.
" " with index	7.75 " " " 8.15 " " "	" " with index	8.50 " " " 8.95 " " "

SEND US YOUR ORDER NOW

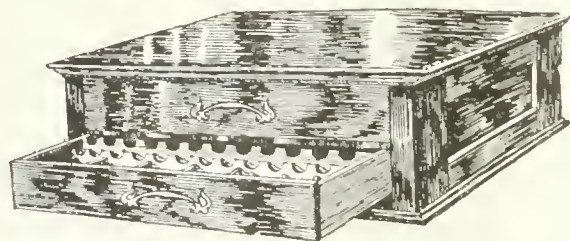
LYMAN'S IDEAL COFFEE In 1 lb and 1-2 lb Tins

The LYMAN BROS. & CO., Limited

Wholesale Druggists

TORONTO

The Counter Label Cabinet



Is just the handiest thing that a
 Druggist can add to his Fixtures,

Every Label is held in its proper place in its
 own compartment and directly under your eye.

Labels may readily be removed singly with
 one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a
 single drawer, which may be fitted into your
 counter, only \$9.00. The latter holds 3 doz.
 labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.

LONDON, CANADA

"A Great Convenience in the West"

Is a common remark made in
 reference to

Chandler & Fisher

LIMITED

WINNIPEG

Mail, Telephone and Telegraph Orders for

TRUSSES, CRUTCHES, SUPPORTERS,
 BATTERIES, INVALID CHAIRS AND
 INVALID RUBBER RINGS, URINALS,
 BED PANS, ETC.

Receive Prompt Attention day or night.

Your Patronage Solicited.

W. K. C. FISHER, Vice-Pres. & Mgr.

Trade Notes

Jas. Lang is opening a drug store in Peterborough, Ontario.

F. H. Sutherland, Glace Bay, Nova Scotia, has sold his drug business.

L. H. Neil has opened a new drug store in New Liskeard, Ontario.

Wm. Hart has purchased the drug business of J. A. Thompson, Toronto, Ontario.

J. M. Spencer has purchased the drug business of Isaac L. Walton, London, Ontario.

J. Kemp, Jr., has purchased the drug business of John Brown, Tavistock, Ontario.

E. W. Meuser has purchased the drug business of A. W. Powell, Elmwood, Ontario.

Whitemore Bros. have purchased the Regina Pharmacy, Regina, Assiniboia, N.W.T.

E. Mills has purchased the drug business of G. B. Mills, Carievale, Assiniboia, N.W.T.

W. Johnson has purchased the drug business of the late J. E. Wood, Kenora, Ontario.

C. E. Shaw, of Wolseley, is opening a branch drug store at Lemberg, Assiniboia, N.W.T.

L. R. Clarke has purchased the drug business of H. H. Macrae & Co., Fort William, Ontario.

H. E. Wallis, Kelowna, B.C., is about to open a branch drug store at Nicola, British Columbia.

W. H. Hewgill has purchased the drug and stationery business of W. L. Carley, Moosomin, N. W.T.

Bowman & Mitchell, Weyburn, Assiniboia, N. W.T., are building an addition to their drug store.

The Hawkins Co. has purchased the drug business of Merrill & Simpson, Brantford, Ontario.

Arthur Powell, of Elmwood, has purchased the drug business of Dr. Higinbotham, Walkerton, Ontario.

J. Fulkerson, Neepawa, Manitoba, has purchased the drug business of J. D. Robinson, Arden, Manitoba.

C. B. Graham has purchased the Sorauren Avenue branch drug store from Mr. Walterhouse, Toronto, Ontario.

Dr. J. C. Elliott, succeeds to the business of the Canada Drug and Book Co., Limited, Ymir, British Columbia.

W. Johnson, recently of the Gordon-Mitchell Drug Co., Winnipeg, has purchased the Wood's drug store in Kenora, Ontario, and will continue it under the same name.

Higinbotham & Cameron have bought out the drug business of B. Batchelor, Brantford. Dr. Higinbotham was some years ago in business in Brantford but sold out and went to Walkerton, and is now returning to his first love, associating with him in business his son-in-law.

MONTREAL NOTES

Much regret has been expressed that Mr. Chapman was not re-elected on the Examining Board of the Pharmaceutical Association. He was always considered a painstaking and honorable member.

It seems strange the Canadian manufacturers of patent medicines do not take greater interest in the question of cutting. They have generally been considered brainy men, but their not being able to control the prices at which their agents, the retailers, shall sell their goods does not indicate a surplus of brain matter.

In England Williams' Pink Pills and Liquozone are getting roughly handled whenever they or their agents appear in the law courts.

Liquozone will have displayed enormous vitality if it survives a recent trial reported fully in *The Chemist and Druggist*, of London.

It is difficult to counteract the injury done all specialties by the cut rate evil. Only fancy a dignified dollar article being retailed at 59 cents. Naturally the public look upon the whole specialty business as a humbug, and who can blame them?

We are glad to see that the son of Professor Morrison is gazetted amongst the successful candidates who passed the entrance examinations of the Royal Military College, Kingston.

Mr. Sydney Dugan, of Lyman Sons & Co., has joined the Benedicts. Good luck to him, say all of us.

PERSONALS

Mr. Austin Fead, of the shipping department of the Lyman Bros. & Co., Limited, is spending his holidays at his home in Cannington.

F. B. Andrews, city traveller, is at Jackson's Point.

W. J. Millsap, of the order department is on Lake Simcoe.

W. G. Noble has returned from a trip to the Northwest.

Mr. Arthur Lyman, of Lyman, Sons & Co., Montreal, has returned from an extended European trip.

Mr. A. L. Geen, druggist, Belleville, Ont., has been re-elected president of the Retail Merchants' Association of Canada.

T. J. MacIntyre has been laid up at Royal Muskoka, in Muskoka, having received an injury to his leg, but hopes to be out shortly.

Mr. Henry H. Lyman, President of the Lyman Bros. & Co., Limited, sailed on the 20th with the second Government eclipse expedition, and expects to be gone till about the middle of September.

Correspondence

MEDICINAL HERBS

Editor Canadian Druggist:

Dear Sir:—

In response to your inquiry re the cultivation of medicinal herbs, I regret to say that my knowledge of this subject is somewhat superficial. That our soil is suitable for their growth, however, is obvious from the fact that many herbs grow wild, and have their habitat in our province. In my travels I have noticed the following plants, all in a healthy and thriving condition: Stramonium (*datura s.*), caraway (*carum carvi*), monkshood (*aconitum napellus*), tansy (*tanacetum vulgare*), chamomile (*anthemis*), elecampane (*inula helenium*), Marshmallow (*Althoea*), spearmint (*mentha viridis*), peppermint (*mentha piperita*), boneset (*eupatorium perfoliatum*), mandrake (*podophyllum peltatum*), bloodroot (*sanguinaria Canadensis*), blue flag (*iris versicolor*).

The last six mentioned prefer a moist soil, such as lowland or meadowland. These are a few that could be grown successfully in this province. The only question is, could a market be found for them here, after they were grown? Last year I collected myself with great care, quite a quantity of wild cherry (*prunus*) and willow (*Salix*) barks, besides other herbs, and wrote Messrs. Parke, Davis & Co., Walkerville, Ont., offering them for sale. In reply, they said that they imported most of their crude drugs from the States (if I remember right). As regards getting seeds, if Mr. Gamble applied to one of the following (or to myself) I think he would be successful:

Messrs. Stafford, Allen & Sons, Cowper St. Finsbury, London E. C., England; Messrs. Potter & Clarke, Wholesale Herbalists, Artillery Lane, London, E.; Mr. Geo. Gaines, 479 North Row, Covent Garden, London W.C.

I shall be happy to give him any further information, in my power.

GEORGE TESTER,

Mt. Forest, Ont.

Editor Canadian Druggist:

Dear Sir,—I notice the correspondence in your last issue, re the cultivation of medicinal plants in Canada, and I have forwarded a copy of the annual report of the Nova Scotia Pharmaceutical Society for 1900 to the Department of Agriculture, at Ottawa. It contains a paper of mine on the materia medica of Nova Scotia, which you reprinted in The Canadian Druggist. I have often wondered why nobody took up the cultivation of medicinal plants in Canada, as a business. Every

bit of vacant land in this province is full of more or less valuable medicinal plants, and no one seems to gather, or use them.

Mr. Gamble describes his land as sandy, and unfit for the raising of "cereals, or other crops." I think it would be a mistake to attempt the cultivation of medicinal plants on such land. He would either be obliged to use an excessive quantity of artificial fertilizers, or the plants would be small and stunted,—or worse still, deficient in alkaloidal strength.

I have in my own garden, at the present time, two specimens of *Digitalis*, one grown on stable manure, the other left to work out its own salvation, where it sprung up. The former plant grew up to be nearly eight feet high, the leaves previous to flowering, were nearly a foot long, and they were very numerous. The leaves of the latter were from two to three inches long, and the plant was not over fifteen inches in height.

The question of quantity is only a secondary consideration, however, the main point is the therapeutic value of the herb raised. For instance, we can raise tobacco in Canada, but it will not compare with the leaf grown further south. Climatic conditions are against us, and no skill in curing, or care in growing, will make our Canadian tobacco equal to that grown in Virginia or Connecticut.

The fact that a certain plant will grow luxuriantly in a certain locality is no guarantee that it will possess the same medicinal virtues as a similar plant, grown under different conditions would. Take for instance the case of *digitalis* leaves. The "Ang" is quoted at 40 cents a pound, the "Exot" at 35 cents, in belladonna, the difference is even greater, viz., 75 and 30 cents respectively.

I imagine that in addition to better climatic conditions, the question of careful gathering comes in. The English collectors gather the leaves before the plant is in flower, the other people are of opinion that any leaf coming from a *digitalis*, or belladonna plant, is "good enough to sell." In Johnson & Johnson's "Red Cross notes," series IV., No. 12, there is a most interesting article on American belladonna culture. This pamphlet can be had for the asking from Gilmour Bros., of Montreal, and I would advise anyone who is interested in the culture of medicinal plants to send for a copy and read it through at least half a dozen times. The keynote of the whole paper is briefly summed up in these few words, "It is not a question of how much belladonna plant I can raise to the acre, but how much atropine will that belladonna contain when it is harvested."

The same remark holds good in regard to all medicinal plants, roots and seeds. It is not a

Telegrams: Tyrer, Stratford, London.

A.B.C. Code, 5th Edition

THOMAS TYRER & CO'Y, LimitedManufacturing Chemists
STRATFORD LONDON
ENGLAND**GOLD MEDAL****ST. LOUIS, 1904**

Bismuths

Mercurials

"STERLING BRAND"
PURE

Ethers

Hypophosphites

ACID PHOSPHORIC

And all kinds (Made from Phosphorus)

of Pure and

All Strengths

GUARANTEED FREE ARSENICTechnical
ChemicalsEnquiries solicited from **INVENTERS, PATENTEES, etc.****Thomas Glover & Son,
Carlton, Nottingham, Eng.**Our firm is the **OLDEST, LARGEST,
CHEAPEST and BEST.** Enjoying
reputation of 60 years, for the manu-
facture of**Elastic Hosiery, Trusses and all kinds of Surgical Appliances.****Price list and Catalogue Free.****It will pay you to write for them.****H. SALLE & CO.**

4 Rue Elzévir, PARIS

**Exporters and Importers of Crude
Drugs.****Growers of French Herbs.****Specialty of Irish Moss.**Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)**Agents Wanted in Every Important Town.****Offers for American Drugs Solicited.****J. H. HAYWOOD**

Castle Gate, Nottingham, England.

Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.**BELTS, SUSPENSORY BANDAGES, TRUSSES**
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries.**GLASS BOTTLES**Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green,
Poison and all kinds of Bottles used in the Druggist and Allied
Trades. Special Moulds made.**J. A. CURLE, LTD.**

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

For the Summer Season

Montserrat Lime Fruit JuiceThe standard lime juice of the world.
A ready seller and brings trade.**Montserrat Lime Juice
Sauce.**The combination with lime
juice makes it an acceptable and whole-
some appetiser.**De Leon's Florida Water.**

A preparation of charming fragrance.

Large, 4.25 doz.; 3 doz. 4 00 doz.

Small, 1.90 doz.; gross, 22.00.

**Granular Effervescent Prep-
arations** of standard quality.**Evans' Antiseptic Throat
Pastilles**—the original. A good seller

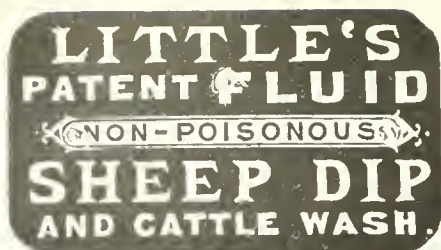
in the summer season, and all seasons.

British Lanoline. A pure wool fat
of excellent quality. Special prices to buyers
in quantity.

EVANS AND SONS,

LIMITED

MONTREAL.



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

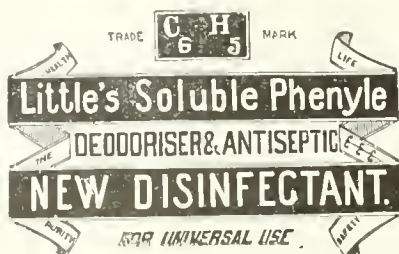
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/ 3 6 and 10/6.

Wholesale, 12/ 2 1/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG

AGENTS WANTED.

. SPECIAL .

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C. CALVERT & CO.

(OF MANCHESTER, ENG.)

807 Dorchester St. - MONTREAL

question of raising the plant, but of raising a plant which will contain a suitable proportion of active constituents.

It costs as much to handle one hundred pounds of a given drug, yielding one-half pound of alkaloid, as it does to handle the same quantity producing one pound, and the buyer naturally prefers the product which yields the best result at the lowest cost.

I feel confident that the large manufacturing concerns in Canada, would gladly use Canadian grown materials, provided they could purchase them "up to standard," and, I believe, that there is a good opening for anyone who would go into the business on a scientific basis.

Trusting that I have not taken up too much space.

Yours truly,

Edmund F. L. Jenner.

Digby, Nova Scotia, August 21st, 1905.

TORONTO PHARMACAL CO.

A visitor to the new premises of the Toronto Pharmacal Co., at 449 to 457 King St. West, Toronto, would scarcely be able to credit such a resurrection from the fire of a few months ago. The old staff fitted into the new premises as though they had never been anywhere else. An air of comfort and prosperity is evident on all sides. The house reports an exceedingly busy fall trade, with prospects unusually encouraging and all parts of the country contributing their full share in the increase.

A GOOD EXAMPLE

Worcester County, Mass., Pharmaceutical Association has stickers all printed and gummed which are sent out with the notices occasionally. They ask members to stick them on the edge of one of the shelves of their prescription desks and instruct the clerks to put the mark on all outgoing prescriptions, even if only in your hands to be priced. The sticker reads thus:

Use this price mark on all prescriptions you
copy

P H A R M O C I S T
1 2 3 4 5 6 7 8 9 0

PATENT MEDICINES IN VENEZUELA

The report from United States Consul Hurst, La Guayra, Venezuela, says: "A measure recently promulgated by the Ministry of Hacienda, places in force a regulation of the Association of Physicians of Venezuela, whereby sales of secret, or patent medicines, unless formally recognized in Venezuela, are to be prohibited, although they

may have the approval of foreign medical faculties. Failure to meet the requirements will subject the offenders to the penalties of the law. A permanent commission has been appointed to examine and classify secret, or patented medicines. Every manufacturer wishing to sell medicinal preparations in Venezuela must make a statement, in legal form, setting forth: (1) The name of the remedy, (2) the full formulæ, and (3) the dose prescribed. Two samples, accompanied by the foregoing particulars, shall be submitted to the commission. The manufacturer may appoint by letter, if necessary, a local representative to treat with the commission. For each certificate permitting the sale of a medicine, a tax of \$3.86 must be paid.

Four months will be allowed foreign, and two months domestic manufacturers in which to comply with these requirements. When this time is concluded the custom houses will place, for two months, importations of the kind in Class 5 of the tariff, paying a higher duty, during which period the preparations may be still be brought before the commission. After this they will be put on the list of prohibited articles. The custom houses will continue their examination and appraisement, as heretofore. New secret, or patent medicines, compounded after the termination of the time given, may be submitted for examination upon fulfilling the requisitive formalities. All preparations allowed sale will bear an authoritative inscription to that effect on the wrappers.

The address of the commission, which will examine samples within five days after presentation, is: Junta de Examen y Clasificación de medicinas Secretas y de Patente, Caracas."

HAVE A PURPOSE IN LIFE

Take life like a man. Take it just as though it was and is an earnest, vital, essential affair. Take it just as though you personally were born to the task of performing a merry part of it, as though the world had waited for your coming. Take it as though it was a grand opportunity to do and to achieve, to carry forward great and good schemes, to help and cheer a suffering, weeping, it may be, a broken brother. The fact is, life is undervalued by the great majority of mankind. It is not made so much of as should be the case. Where is the man or woman who accomplishes one tithe of what might be done? Who cannot look back upon opportunities lost, plans unachieved, thoughts crushed, aspirations unfulfilled, and all caused from the lack of the necessary and possible efforts? If we knew better how to take and make the most of life it would be far better than it is. Now and then a man stands aside from the crowd, labors earnestly, steadfastly, confidently, and straightway be-

comes famous for intellect, skill and greatness of some sort. The world wonders, admires, idolizes, and yet it only illustrates what each may do if he takes hold of life with a purpose. If a man but says he will, and follows it up, there is nothing in reason he may not expect to accomplish. There is no magic, no miracle, no secret in him who is brave in heart and determined in spirit.—Exchange.

HELP THE SALESMAN

Every firm that advertises makes it just that much easier for the man on the road to sell goods. Let a "drummer" start out to sell a line of goods not advertised in a technical or general paper, and he must work ten times as hard to sell a bill of goods as the man whose employers believe in printers' ink.

One of the largest rubber goods manufacturers had an experience, recently, which brought this fact very prominently to his notice.

"No use to advertise," he said; "our goods are so well known that they don't need to be advertised."

One of his salesmen called on a dealer in a small town, and after quite a talk, he discovered that the dealer had not even heard of his goods.

The dealer was a subscriber to one of the journals devoted to the rubber trade; turning to the salesman, he said: "See that paper? Well, your firm doesn't advertise in it, so how could you expect me to hear of it?"

Such instances are many, and yet they are not so frequent as they were a few years ago.

Technical paper advertising is essential to the manufacturer; not always for the direct returns it may bring, but because it helps the salesman on the road.—Exchange.

TEST FOR FORMALDEHYDE

Comanducci (Pharmazeutische Zeitung, 1904, No. 80) describes the following test for the presence of formaldehyde in glycerin, methyl alcohol, vinegar, etc.: The fluid to be tested is mixed with its own volume of water, if need be. To 5 Cc. of this mixture 15 drops of a concentrated solution of sodium bisulphite are added. The liquid is shaken and gently heated. In the presence of formaldehyde a yellowish red color develops. This tint disappears on prolonged boiling.

HOW TO PRESERVE FOWLER'S SOLUTION

Luis Narbona (Revista científica profesional, December, 1904,) says that the best way to keep Fowler's solution unchanged is to add glycerin to it. This preserves the appearance of the solution and keeps it clear for a long time, at the same time preventing the decomposition of the arsenious acid.

SURGICAL GAUZES

SPECIAL OFFER

WRITE US.

WE CAN CONVINCE YOU.

PLAIN, ABSORBENT, IODOFORM, SUBLIMATE,
CARBOLIZED, BORATED.

Originally manufactured by our own
people under the direct supervision of
SIR JOSEPH LISTER.

UNQUESTIONABLY BEST, INCIDENTALLY CHEAPEST.

The J. STEVENS & SON CO., Limited
145 Wellington St. W., Toronto

ALSO AT LONDON, ENG.,

AND WINNIPEG, MAN.

HENDERSON BROS., Ltd.

WHOLESALE DRUGGISTS

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

GIN PILLS ^F_OR JUNE

This cut represents Gin Pills sold during June 1904.



This cut represents Gin Pills sold during June 1905.

With every three dozen ordered from your jobber, we will give you half a dozen free.

YOUR PROFIT IS 85%.

Further comment is unnecessary.

THE BOLE DRUG CO.

Wholesale Druggists

WINNIPEG

BEESWAX PURITY....

PURE REFINED BEESWAX—"W.H.B."

In 2-lb. cakes in cases of about 130 lbs.

" 1 " " " 130 "

" 1/2 " " " 130 "

" 1/4 " " " 130 "

" 1 oz. cakes in 2-lb. parcels in cases of 54 "

PURE WHITE BEESWAX—"W.H.B."

IN CASES OF 54 LBS.

In round cakes in 2-lb parcels, or in oblong cakes loose.

In 1-oz. cakes in 2-lb. parcels.

Plain blocks of 7 1/2 lbs. in cases of 250 lbs.

White Wax - Plain round cakes in 2-lb. parcels in cases of 72 lbs.

Weights and quantities guaranteed.

W. H. Bowdlear & Co.

149 Pearl Street

Boston, Mass., U. S. A.

Cable Address—"BOWDLEAR, BOSTON"

UMNEY'S

TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

**SOLUBLE ESSENCE OF LEMON,
LEMON CRYSTALS, &c.**

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA:

MR. J. M. SCHEAK, Carlaw Buildings, Wellington St. W., TORONTO

YOU FEEL SAFE WHEN WRITING A CHEQUE WITH



\$7 Value for \$1

Saves Cost of Check Punch,	\$5.00
Value of Year's Ink Supply,	1.00
Cost of Pencil,	1.00
Total Value,	7.00

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Ontario College of Pharmacy

The half yearly meeting of the Council of the Ontario College of Pharmacy convened on Monday, Aug. 7, in the board room of the college, Toronto. President Graham was in the chair and the following members were present: Messrs. Henry Watters, Ottawa; E. W. Case, Picton; John H. H. Jury, Bowmanville; G. E. Gibbard, Toronto; John Hargreaves, Toronto; R. Y. Broughton, Newmarket; Charles Law, Guelph; Theo. Sweet, St. Catharines; R. A. Harrison, Dunnville; W. A. Karn, Woodstock; J. A. Roberts Parkhill; J. M. Hargreaves, Paisley; W. B. Graham, Ridgetown. Registrar-Treasurer I. T. Lewis read his report on the election recently held and the report was adopted. The minutes of the last meeting were confirmed.

The election of officers was the next order of business, and after a few minutes' conference the name of Mr. E. W. Case, of Picton, was brought forward for the President's chair by Messrs. Watters and J. M. Hargreaves. Mr. Graham immediately put the motion which was carried unanimously. In vacating the chair, Mr. Graham said he wished the members of the Council would give the new President the same co-operation which he had received during his tenure of office.

Mr. Case said he was at a loss what to say. The kindness of the members of the Council in placing him in the highest place in their gift left him speechless. He placed himself in the hands of the members with the promise to maintain the dignity of the position and advance the college interests as far as possible with their aid and assistance.

Mr. Case then called for nominations for the position of Vice-President. The only name put forward was that of Mr. G. E. Gibbard, of Toronto, who was elected without opposition.

The following were appointed to strike the standing committees: Messrs. Graham, Karn, Roberts, Watters and Gibbard.

TUESDAY'S MEETING

President Case took the chair on the second day of the sessions of the Council. The first item on the programme was the report of Mr. Graham, chairman of the special committee to strike the standing committees, which are as follows:

Executive Committee—Mr. W. A. Karn, of Woodstock, chairman; Messrs. Sweet, Graham, Roberts and Jury.

Educational Committee—Mr. Henry Watters, of Ottawa, chairman; Messrs. Harrison, John Hargreaves, Karn and Gibbard.

By-law and Legislation Committee—Mr. J. F. Roberts, of Parkhill, chairman; Messrs. J. M. Hargreaves, Sweet, Law and Gibbard.

Divisional Committee—Mr. J. R. Y. Broughton, of Newmarket, chairman; Messrs. Harrison, J. Hargreaves, Law and Watters.

Research Committee—Mr. J. Hargreaves, chairman; Messrs. Graham, Watters, Jury and Harrison.

Infringement Committee—Mr. Theo. Sweet, of St. Catharines, chairman; Messrs. J. M. Hargreaves, Broughton, Graham and Gibbard.

Messrs. G. M. Petrie and G. A. Bingham were re-appointed scrutineers and Messrs. James Watt and J. A. McKenzie auditors.

The solicitor was instructed to prepare in pamphlet form any changes in the by-laws rendered necessary by the amendments to the Pharmacy Act. The members of the Association will receive by mail copies of the act and by-law, of which 2,500 are to be printed.

Mr. Isaac T. Lewis, Registrar and Treasurer, presented his annual report showing the assets and liabilities. It must be remembered that while the net assets of the Association are large, being over 70,000, the real estate belonging to the Association is greatly undervalued. The lot upon which the present college now stands is only valued at \$5,000, while at public auction it would bring half as much again as that figure. The same may be said of the McGill street property which bought when the boom was at its lowest ebb, are still on the assets as being only worth what was paid for them.

The Treasurer's report is as follows:

CASH ACCOUNTS

Cash balance	\$ 122.69
Bank balance	16,052.90
	16,175.59
Apprentice registration fees	29.00
Examination account	266.91
Interest account	166.28
Lecture fees	388.00
Laboratory fees	314.32
McGill Street property	241.92
Matriculation fees	60.00
Poison books	5.86
Renewal fees	2,151.00
Registration	40.00
License book, etc.....	4.09
	\$19,842.97

DISBURSEMENTS

Auditors' fees	10.00
Council	881.50
Coal account	204.80
Deposit fees rebate	635.00
Gas account	72.72
Infringement account	363.42
Law account	300.00
College expenses	433.64
Petty expenses	10.05
Postage	95.30
Salary account	5,167.84
Supply account	469.12

Water account	19.70
By-law legislation	462.00
Research account	16.05
Scrutineers	10.00
Cash balance	74.44
Bank balance	119.13
Savings	10,498.26
	\$19,842.97

STATEMENT OF ASSETS AND LIABILITIES

ASSETS

College building	\$35,710.48
College lot	5,000.00
McGill Street property	5,993.90
Furniture	4,231.35
Apparatus	9,196.75
Outstanding fees	90.00
Supplies	750.00
Poison books, etc	110.00
Advertisements in announcement	215.00
Rent due	39.00
Cash	193.57
Bank balance	10,498.26
	\$72,028.31

LIABILITIES

Salary Account	154.17
Solicitor's fees	150.00
Library fund	27.44
Sundry accounts	423.43
Balance	71,273.27
	\$72,028.31

JOHN ROBERTS' SCHOLARSHIP

Statement Feb. 1, 1905	\$ 3,339.60
Interest coupon	59.85
Interest	4.92
	\$ 3,404.37

The Registrar's report showed that the number of renewals for the half year were as follows: 1903, 1; 1904, 29; 1905, 911; 1906, 1. Six medical men were registered and thirty young men have made applications for apprenticeship.

The Council adjourned at noon until the next morning and the members occupied the interval in preparing the reports of the various standing committees which met during the afternoon.

WEDNESDAY'S MEETING

At the Wednesday morning meeting of the Council Mr. Roberts presented the first report of the By-laws and Legislation Committee. It was quite lengthy and a summarized report of it as adopted is appended. Charles Ruben, of Toronto, and P. Sarlin, of Hawkesbury, were refused registration on the authority of certificates received in the United States and France respectively. The following applications for permission to attend the college were granted: A. McD. Plewes, Calgary; Leslie B. Henderson, Vancouver, B.C.; D. W. C. Stevens, Woodstock, N.B.; John Vince, Toronto; T. W. Bradley, Shoal Lake, Man.; Charles G. Webby, formerly of Dartmouth, N.S., now of Toronto;

J. McArthur, Victoria, B.C.; F. A. Aiton, Hartland, B.C. The applications of George D. Beattie, Cranbrooke, B.C., and R. N. Knowles, Windsor, N.S., were refused because the conditions had not been complied with. Mr. J. B. Broadfoot, of Guelph, was refused a refund of the annual fee. He joined the Association in May and thought that some allowance ought to have been made for the eleven months during which he was not a member.

Vice-President Gibbard asked the Council to define their policy and see whether it was desirous to permit young men from provinces other than Ontario to attend the courses of the college and to receive the diploma. "In our dual position," continued Mr. Gibbard, "as custodians of the interests of the Druggists' Association and the directors of the affairs of the College of Pharmacy we find it very hard to know what course to pursue. It is being recognized that our school is the school of Canada and the education we give our graduates is the best obtainable. The question is whether it is desirable to allow outsiders into the school or to keep it exclusively for the use of Ontario students. As for my own part I am in favor of enlarging the school as much as possible by permitting the outsiders to take the courses. Still if the Council see fit to confine the school to the somewhat narrow-minded policy of keeping it for the use of the home students to the exclusion of others I am quite willing to support that plan."

Mr. Sweet said that over seventy-five per cent. of the students of the college came from Ontario and he wished the college to take its place as the leading educating body of the Dominion. "I think," he said, "we want to make the school the leading school of its kind in the Dominion. If necessary when a student has not complied with the regulations we can grant a certificate showing that he has taken a course at the college."

A committee consisting of Messrs. Watters, Roberts, Sweet, Gibbard, J. Hargreaves and Law were appointed to outline the policy and define what course should be pursued in cases of applicants coming from outside provinces, and will report at the next meeting.

A communication was presented from Dean Heebner setting forth his increased duties and living expenses and asking for an increase of salary. The letter was referred to the Committee on Education.

At the afternoon meeting Mr. Henry Watters presented the report of the Educational Committee which is in brief as follows: Fred. E. Morrison, the student who won the scholarship and gold medal for high marks and was found to be under age, will receive the medal and scholarship in addition to a certificate showing his standing. When he becomes of age he will be permitted to

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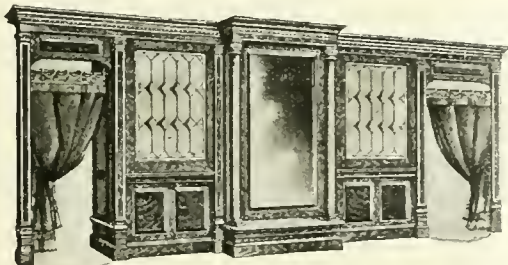
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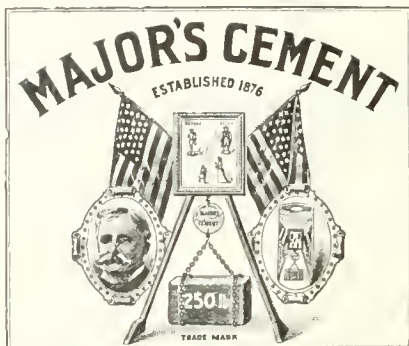
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Yours very truly,

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take his diploma. The adoption of the report of the Board of Examiners was recommended.

The Pharmaceutical Society of Ireland wrote that their Society had not power to grant reciprocity with any pharmacy board or association. The Committee recommended in the matter of reciprocity of diplomas with the Province of British Columbia that the Council should recognize any diploma satisfactory to the board of that province. The Registrar was instructed to write to the New York State Board asking what standing would be accorded to graduates of the local college when applying for registration in that State.

The Committee recommended the increase of Dean Heebner's salary from \$2,500 to \$3,000.

The last clause was objected to by some members of the Council. Mr. Law said that he knew his constituents would not support him in the increase and that he considered the Dean was being well paid for the work he did which also brought him considerable money by way of side issues. Messrs. Roberts, J. Hargreaves and Sweet also spoke against the motion, while Messrs. Watters, Graham, Karn, Jury, and Gibbard spoke in favor of the increase.

The vote when taken stood as a tie at six all. President Case, in giving his vote, said that while the day before he felt that the increase should not be granted, he as President of the Council did not feel like taking on his shoulders the responsibility of risking the departure of the head of the college at the present critical stage when the college is about to enter upon two courses. He therefore voted in favor of the increase.

The vote stood as follows: Yeas, Graham, Jury, Harrison, Karn, Watters and Gibbard; nays, Law, Sweet, Roberts, J. M. Hargreaves, John Hargreaves and Broughton.

Mr. Watters presented the second report of the By-law and Legislation Committee which was adopted without change. The applications of Wilson Dunlop, Merritton, Ont.; Robert W. Lloyd Lurton, Woodstock; T. Hanna, Cayuga; and B. A. Hoshmall for registration as apprentices were granted. The last applicant is a Russian who can speak seven different languages, has a degree equal to our B.A., and had a drug store in Jerusalem, where he took his diploma. He came to Toronto about two years and a half ago and started work as an apprentice. His registration will start from that date. The applications of Ernest A. Hewat, Stirling, Ont., and Murray Henderson, Leamington, for registration as apprentices were refused. A. C. Cameron, of Pittsburg, and B. F. Lake, Brandon, Man., will be permitted to attend the college. The application of Roy M. Collie, Barrie, to attend college was refused.

THURSDAY'S SESSION

At the meeting held on Thursday afternoon Mr. Harrison made the report of the Special Committee appointed for the purpose of considering the formation of an Alumni Association in connection with the college. The report, which was accepted, stated that the time was not favorable for any such enterprise, the maintenance of which was difficult.

"From the reports I have of the different associations of this kind on the other side," said Mr. Harrison, "I find that their meetings are but infrequently attended and a great majority of them are in financial straits and I think it is more advisable to hold the matter in abeyance until the conditions are more encouraging."

Mr. John Hargreaves presented the report of the Research Committee which stated that in accordance with the instructions received at last Council meeting the "Compendium of Canadian Formulary" was printed, containing 24 pages and 68 formulae. The cost of printing 1,000 copies was \$67.40. This book was sent to the different members of the college in Ontario and the Pharmaceutical Associations of Canada. The Quebec Association took immediate action along the same line, forming a committee to compile their formulae, which were exchanged with those of the Ontario Research Committee. The co-operation and criticism of the College of Physicians and Surgeons was also asked, but through some misunderstanding it did not meet with the expected approval.

In the formation of the next "Formulary" some changes in the present formulae will be made and some new formulae inserted. The list of preparations for which formulae are desired are: Elixir of Calisaya and Elixirs of Five Bromides, Pyrophosphate, Quinine, Iron and Strychnine, Compound Elixirs of Viburnum and Hydrastis, Papain, Santal and Saw Palmetto Berries, Lithia and Hydrangea, Aletris, Pepsin with Quinine, Iron and Strychnine, Tasteless Preparation of Cod Liver Oil, Solution of Peptonate of Iron Manganese, also with compound, Extract of Malt with Cod Liver Oil, Extract of Malt with Hypophosphites and other compounds, Solution of Hypophosphites without Sugar, Syrup of Dover's Powder, Glycerole of Phosphate of Quinine, Iron and Strychnine, Tincture of Green Soap, Elixir of Gentian and Chloride of Iron, Syrup of Citro-Chloride of Iron.

Mr. J. Hargreaves moved, seconded by Mr. Harrison, that the report be adopted, which was done.

Mr. Sweet brought forward the report of the Infringement Committee. It provided for dispensing with the services of Detective Brown, who has been seventeen years in the employ of the

Council. The reason given for this was that his work only occupied a small portion of his time. Only twenty days work spent in obtaining fines could be accounted for during the past six months.

Mr. Karn at once came to his feet and declared that it would be a retrograde movement to dismiss Mr. Brown unless some sufficient reason could be shown for it. His position would be hard to fill at a moment's notice should services of that character be required.

Mr. Graham accused Mr. Brown of tale-bearing, and was backed in his statements by Messrs. J. M. Hargreaves and Broughton. They said he told men caught selling poisons the names of the persons who made the complaints. The report passed unanimously.

The report of the Divisional Committee was read by Mr. Broughton. Seven districts held meetings in the past half year and other meetings have been arranged. At all the meetings hearty approval was shown of the "Compendium of Formulary," and the members of the medical profession who were present also expressed their approval. It was recommended that owing to the change in the by-laws the divisional meetings be held within thirty days after the June Council meeting.

"I think the matter of holding these meetings at all should be left in the hands of the members of the Council," said Mr. Graham. "What is the use of our spending two to three hundred dollars every year for divisional meetings when they are only attended by perhaps a dozen members?"

Mr. Karn said the divisional meetings were one of the greatest factors in promoting the prosperity of the Association. To insure the proper amount of enthusiasm in the business portion it was necessary to couple with it some pleasure, such as a fishing trip or an outing. This was the kind of thing which made the estranged members of the Association firm friends and enabled the opposition druggists to meet in a friendly way. "After nearly everyone of those meetings I am about \$10 out of pocket that I could not conscientiously charge to the college," said Mr. Karn in conclusion, "but I find it brings the proper men into the Association."

The report carried.

Mr. Watters brought forward the report of the Presiding Examiner, in which he recommended the presentation of a certificate to the winners of the John Roberts' scholarships to be retained permanently. The promulgation of a definite allotment of medals was something to be defined. At present no student is entitled to two medals. If the winner in one subject is highest in another then the next highest man gets the medal. To prevent trouble such as occurred last year the

manuscript of the examination papers should be forwarded by the examiners to the Presiding Examiner, who should be made wholly responsible for their secrecy. He must take them down to the printer's and watch until they are off the press.

Mr. Watters, seconded by Mr. Harrison, moved that the report be adopted, which motion carried.

Solicitor Mearns spoke for a short time, stating that it was necessary to reprint the act as amended and to have the by-laws consolidated, because it was impossible for them to be easily reached at the present time.

Mr. Graham said that he had been approached by a young man whose mother used opium and laudanum in excess to see if those drugs could not be placed in Schedule No. 1 instead of Schedule No. 2, so that she might have greater difficulty in buying the drugs.

Mr. Watters said it was a disgrace to the druggists that so many were willing to sell these drugs to any person for the sake of the profit in them, but any person acquainted with the history of the use of them would see how useless it was to have a person with the acquired taste to sign a document about the use to which they were to be put.

The following motions were passed:

Mr. Roberts, seconded by Mr. Graham, moved that the solicitor be instructed to prepare a contract with the Dean at the rate of \$3,000 a year, that he was not to accept remuneration from any student in connection with the courses of examinations for special teaching.

Mr. J. M. Hargreaves moved, seconded by Mr. Broughton, "that Messrs. John Hargreaves, W. A. Karn, H. Watters, Mr. Roberts and the President be a special committee to arrange a conference with the Ontario Medical Council or representatives re amendments, as shown in our requests to the Ontario Legislature, and may the result of this conference be given at our December meeting."

FRIDAY'S SESSION

When the meeting opened on Friday morning an impromptu discussion on the drug habit took place. Almost every member of the Council expressed decided opinions on the subject. Personal experiences with people afflicted with the habit were given, and Mr. John Hargreaves gave it as his opinion that the names of large purchasers of habit-forming drugs should be obtained from the wholesale houses, and if those druggists were found distributing the drugs indiscriminately have them brought before the Council and dealt with. This idea did not find favor with the rest of the Council, as it was feared the wholesale houses might refuse the required information.

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The new price of EYE-FIX is \$3.60 per dozen, less the usual discounts. We have recently adopted the "Serial Number" Price-Restriction plan. Retail opticians and druggists handling EYE-FIX sign a contract to not cut the price. It is sold everywhere at 50c. This means that on the most meritorious eye remedy in the market, and the one that will have the greatest sale, there is a profit of 66 2/3% for the retailer.

EYE-FIX has the endorsement of leading oculists, opticians and physicians. The demand for it is steadily increasing. It is an article that should have a place in your stock. Handsome and attractive advertising matter given free with orders. Write for full particulars regarding our free proposition.

THE EYE-FIX REMEDY CO.

Department Q.

DETROIT, MICHIGAN

THE SUPERIOR PHARMACEUTICAL PRODUCTS

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Are supplied by all the Leading Jobbers in the Dominion of Canada.

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The Members of the Faculty are well-known authors and teachers.

A New Curriculum, with extension of Courses, has been adopted.

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An **Auxiliary Course**, including Latin, Pharmaceutical Arithmetic, Algebra, Additional Botany and Physics, has been added to the first year instruction, but without increase in the cost of tickets to the Student.

The Laws of the States of Pennsylvania and New York compel every applicant for the State License to manage a Drug Store to be a graduate of a College of Pharmacy, and the diploma of this College is recognized in Pennsylvania and New York, under the pre-requisite laws, and throughout the world as a certificate of proficiency. Beginning with October, 1906, an entrance examination by the State Board of Education will be required.

—Next Term begins October 2nd, 1905.—

For further information and an Announcement, address: J. S. BEETEM, Registrar, 145 N. 10th St., PHILADELPHIA, Pa.

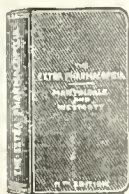
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The Extra Pharmacopœia

OF MARTINDALE AND WESTCOTT

REVISED BY

W. HARRISON MARTINDALE, Ph.D., F.C.S.
and W. WYNN WESTCOTT, M.B.Lond., D.P.H.,
H.M.'s Coroner for North-East London.



London: H. K. LEWIS, 136 Gower Street, W.C.

Dose Table B.P. 1898

This table, which appeared originally in THE CANADIAN DRUGGIST, has been carefully compiled and is now published in sheet form on heavy paper, suitable for tacking up in the laboratory, class-room or study. It has been found very helpful for

Students in Pharmacy and Medicine

and should be in every dispensary as a ready reference. The drugs and preparations of the British Pharmacopœia 1898 are all classified under the dose designated by the Pharmacopœia and are so arranged as to be seen at a glance. A copy of the table will be mailed to any address on receipt of 10 Cents.

CANADIAN DRUGGIST, Toronto, Ont.

"It is a pity," said Mr. Watters, "that we cannot trust the druggists who see the effect the use of drugs has on a man, to distribute them properly. If a man asks for a medicine from me containing these drugs to be repeated, I telephone the doctor to see if he intends it to be done."

Mr. J. Hargreaves, seconded by Mr. Jury, brought forward the following resolution: "That we find with regret the increase of sales of habit-forming drugs and the great distress occasioned by them. This Council considers that the time has arrived when we should take prompt and positive means for its prevention and that such sales where forbidden be reported to this Council or be considered an offence as per clause 20 of the Pharmacy Act or such other remedy as this Council may consider advisable, and that this resolution be forwarded to the By-laws and Legislation Committee for consideration and report at our next regular meeting." The resolution passed without a dissenting voice.

Mr. Watters presented report No. 2 of the Educational Committee, which was adopted, recommending the purchase of the following books for the Library: Bloxam and Blount's Chemistry, Gorges' Materia Medica and Therapeutics, U.S. Dispensary (new edition), and two copies of U.S. Pharmacopoeia (1905 edition). The Examining Board were instructed to award the subject medals in order of merit, providing the winner has not received any other medal. In such case it will go to the student with the next highest marks.

Mr. Gibbard brought forward the report of the Building Committee appointed to consider the matter of a new building adequate to meet the requirements of a two years' course. The instructions of the Council were followed and the ideas of the Dean and Faculty were obtained. They were embodied in a special report showing the specifications required which was submitted, and it was recommended that it go before an architect for his opinion on the adaptability of the present site to accommodate a building capable of affording the space and accommodation equal to the specifications furnished, and that such information be reported at the next meeting.

The report passed, on motion of Mr. Gibbard, seconded by Mr. Law. The Committee were re-appointed.

Mr. Karn presented the report of the Executive and Finance Committee, and recommended the adoption of the reports of the Registrar-Treasurer and Auditors. The Educational Committee was granted sufficient for their books and the Research Committee enough to pay for the printing of the "Compendium of Formulary." The application of J. A. Mitchell for refund of registration fees was refused, he not having sent in

notice of retirement before the fees were due. The Registrar-Treasurer was authorized to get tenders for the painting of the building and the oiling of the floors of the halls and staircases. The accounts of the Divisional Committee total \$228. Additional accounts amounting to \$735.46 not contained in the Treasurer's account are to be paid.

The report was adopted on motion of Mr. Karn, seconded by Mr. Jury.

On motion of Mr. Karn, seconded by Mr. Watters, the President was instructed to cast a ballot for Mr. Lewis, the Registrar-Treasurer, in order that the act might be complied with in reference to his re-appointment.

Mr. Watters moved, seconded by Mr. Karn, that Messrs. John and J. M. Hargreaves be appointed delegates of the Council to the American Pharmaceutical Association convention to be held in Atlantic City, on Sept. 6, and their expenses be paid by the Council. The appointees expressed their thanks and said they would be delighted to attend the convention.

The following resolution, introduced by Mr. Roberts, and seconded by Mr. W. B. Graham, passed without discussion: "That the term of engagement of the Dean and teaching staff be for a period of time extending from the 15th day of August, 1905, to the 5th day of June, 1907, subject to contracts being terminated by either party on giving three months' notice prior to the date of any semi-annual meeting."

Mr. Gibbard said the Dean had stated to him emphatically in reference to the resolution passed preventing him from accepting additional fees from students at the college, that during the past year he had not accepted any other than some for preparing a couple of candidates for the University degree, which had nothing to do with the college.

Mr. R. A. Harrison moved, seconded by Mr. John Hargreaves, that the minutes of the meeting be published in pamphlet form. Mr. J. M. Hargreaves, seconded by Mr. Broughton, moved that the meeting be adjourned until the first Monday in December or at the call of the President.

IODINE AS A WATER STERILIZER

According to The Tropical Agriculturist during the recent Tibet expedition many of the officers carried tincture of iodine and sulphite of soda for sterilizing their drinking water, the process being that of Nessfield, who found that $\frac{1}{4}$ grain iodine per pint of water kills all pus-forming microbes as well as those of typhoid, cholera and dysentery, $\frac{1}{2}$ grain sulphite of soda being, afterwards added to remove the iodine.

CONFERENCE OF PHARMACEUTICAL FACULTIES

The American Conference of Pharmaceutical Faculties will hold its sixth annual meeting at Islesworth Hotel, Boardwalk and Virginia Avenue, Atlantic City, N.J., September 5, at 3 p.m. Visitors are welcome at the meetings with the exception of executive sessions, which are held during the consideration and election of applicants for membership.

Each college is entitled to but one vote in the conference, but there is no limit to the number of delegates which a college can appoint. Credentials should be mailed at once to the secretary. Professor J. O. Schlatterbeck, Ann Harbor, Mich. The following is the programme as far as arranged. Delegates are especially requested to come prepared to discuss item No. 8:

1. The President's address and such discussion as it may cause.
2. The report of the committee on Dr. McGill's paper ("What Degrees Should be Conferred by Colleges of Pharmacy?")
3. Report of the Executive Committee on an article providing for the withdrawal or expulsion of members.
4. Proposition to strike out Article 3 of the conditions under the heading, "Applications for Membership."
5. Consideration of minor changes in by-laws.
6. Vote on application for membership.
7. Presentation of volunteer papers.
8. Discussion on the subject, "What the Conference Can and Should Do."

Henry M. Whelpley,

Chairman Executive Committee,

August 12, 1905.

St. Louis, Mo.

MERCK'S FACTORY AT DARMSTADT

In connection with the enquiry which was recently instituted by the British Government with reference to industrial alcohol, Sir Henry Primrose and Dr. T. E. Thorpe paid a special visit to Germany to procure information as to the regulations in that country as to the use of alcohol in manufacture. The following is their report of a visit paid to the factory of Mr. E. Merck, at Darmstadt:

The new works which are still in process of being finished as regards approaches and certain internal arrangements, are among the most complete and best appointed of their kind in the world. They consist of a number of detached and specially planned factories, under individual control and with special staffs of chemists and workmen, together occupying a very large area of ground, with convenient railway access from Arheilgen on the Main-Neckar line. 1,200 workmen are employed and 290 clerks and chemists. The firm deals in upwards of 6,000 products, 3,000 of which are made upon these premises.

There are branch manufacturing establishments in Moscow and New York. In the latter, no preparation involving the use of alcohol is made.

NATIONAL ASSOCIATION OF RETAIL DRUGGISTS

The annual convention of the National Association of Retail Druggists will be held at Paul Revere Hall, Huntington Avenue, Boston, Mass., commencing Monday, September 18, 1905. This hall is situated near hotels, railway stations, and street railways, and will undoubtedly be considered by all the ideal convention hall.

The Committee on Hotels have secured accommodations for the visitors at the Lennox, Nottingham, and Copley Square, the latter having been secured as the headquarters.

Business of great importance will be transacted at this convention, and every druggist who is able should be present to give it his approval, not only from a commercial, but from a professional standpoint. Aside from the business reasons, that should prompt you to attend, are the thoughts of paying a visit to that part of our country that has done much to make history. September is the ideal month for visiting our beautiful city, and if you come, we will endeavor to show you how we entertain visitors in Boston.

The Committee on Entertainment has in mind as part of its programme a trip on the ocean, and a genuine New England fish dinner at some one of the near by coast resorts.

Be sure and bring the ladies, and we will see that they are well cared for, as a special committee for their entertainment has been appointed who will make special efforts to see that they enjoy themselves better than the male members and their families.

If you have never visited Boston, this is the chance that you must have been waiting for, and the Convention Committee can assure you that your trip will be of great benefit to you in many ways.

The Committee on Information, of which Mr. J. Arthur Bean is chairman, would be glad to give all intending visitors any information they may require, as to the distance from Boston of any of the cities and towns in New England, which they may care to visit.

Keep the convention in your mind, and if possible, spend your vacation, this year at least, in Boston.

Mr. F. F. Ernst is the chairman of the Convention Committee.

Headquarters for correspondence, Massachusetts College of Pharmacy, St. Botolph Street., Boston, Mass., where all letters should be addressed to insure a speedy reply.

J. F. Finneran,

Chairman Committee on Press.

Boston, Mass., July 10, 1905.

RETAILERS OF SOAP.

Those who have been in the business for 25 years or more know that the price of **Baby's Own Soap**, to the trade, has never changed. The retailing price, however, has gradually declined from 40c. to 30c. and even 25c. a box. At that price the profit to the retailer is almost nothing.

That this state of affairs injures the sale of **Baby's Own Soap** we are sure, and while in the last five years its production has doubled, we know that under other conditions it would have trebled or more. For us to cut our price would in no way meet the case. Ambitious dealers would at once, as they have in the past, announce a further cut in the price of **Baby's Own** to draw custom for their other lines, and we would be paying the price.

When the question of forming the business of ALFRED SAVAGE & SON into a joint stock company was discussed, one of the important factors which decided the change, was the opportunity it would afford to interest dealers in the manufacturing profit—as well as their own end—of all our lines.

A retailer owning a few shares in the business would surely push the sales of our products. So before offering the few shares which we have decided to sell to the public, we are tendering them to the trade throughout Canada.

Until September 30th no application will be considered, except from dealers in Soap. Not only will the dealer thus stand to profit from every sale he makes of Albert Soaps, but the increase in the market value of the shares will surely benefit him.

Similar concerns in England and the United States have seen their shares increase from par to two or even three times their face value. The issue, however, is limited, and first come first served. It is hoped, however, that every shareholder in ALBERT SOAPS, LTD., will be a handler of their goods. Prospectus containing full information will be mailed on request.

ALBERT SOAPS, Limited,

Montreal.

Manufacturers . . .

Baby's Own Soap, Queen's Laundry Bar, Master Mechanics' Bar, Etc., Etc.

A COMMON SENSE TALK, TO DRUGGISTS

(FROM THE APOTHECARY.)

"The World's Dispensary Medical Association has done more to make history in the last two years than any other proprietary medicine concern in the world. Last year Dr. Pierce led the 'Washington Promise' committee in their city organization work for better prices. This year with the 'St. Louis Club,' he is performing wonders with city schedules. Soon after the last N. A. R. D. Convention he made his fellow proprietors open their eyes by 'cutting off,' as wholesale agents one of the largest jobbing firms, McKesson & Robbins, of New York. When the Ladies' Home Journal made its recent general attack on patent medicines, Dr. Pierce, apparently, was the only manufacturer who cared to fight, and the result in his case has been a humble apology and acknowledgement of error by the Ladies' Home Journal and the probability that he will soon receive a big verdict for damages. But to crown the work of this great firm came the announcement that, beginning the first of April, the ingredients of his famous medicines the 'Favorite Prescription' and 'Golden Medical Discovery' would be printed on every bottle leaving their laboratory."

"There are two conclusions for the pharmacist to draw from the above story and they are that the World's Dispensary Medical Association is active and consistent in their friendship for the retailer and that they have the kind of goods that bears scrutiny."

IT IS A LEAD THAT YOU CAN FOLLOW!

As most physicians *insist* on knowing the make-up of the various compounds which they prescribe, so it is quite natural that most druggists as well should prefer to handle **medicines of known composition** rather than those of the constituents of which they are wholly ignorant.

Then, too, many greatly prefer to sell medicines of non-alcoholic character, to those containing a large percentage of spirituous liquors.

Dr. Pierce's medicines are strictly non-alcoholic, chemically pure glycerine, of proper strength, being used both for extracting and preserving their active medicinal principles.

The ingredients of Dr. Pierce's medicines are **KNOWN TO YOU**. The best authorities on *materia medica*, such as Drs. Bartholow, Wood, Bache, Hare, Scudder, King, Coe and Ellingwood, recommend the ingredients used in making Dr. Pierce's medicines. Dr. Pierce's medicines **sell ALL THE YEAR AROUND**. They are generously advertised. **You can afford to recommend Dr. Pierce's medicines.**

SEND FOR WINDOW DISPLAY MATTER,

reproducing the medicinal plants in Dr. Pierce's remedies in beautiful colors.

World's Dispensary Medical Association, Proprietors,
No. 663 Main Street, Buffalo, N. Y.

Formulary

GINGER ALE

Ginger Root	15 oz.
Orange Peel	6 oz.
Nutmeg	1½ oz.
Vanilla Beans (Mexican)	6 dr.
Cinnamon	1½ oz.
Capsicum	30 grn.
Alcohol to make	20 fl. oz.

The ginger ale is made by mixing 2 to 3 fl. oz. of the extract with ½ pint water, adding calcium phosphate or magnesium carbonate, and filtering. The filtrate is mixed with 1 gallon of syrup, 2 oz. citric acid, sufficient foam extract and caramel, and water, to bottle. ...

BIRCH BEER EXTRACT

Sassafras	4 parts
Wild Cherry Bark	2 parts
Pimento	4 parts
Wintergreen	4 parts
Hops	1 part
Coriander Seed	2 parts

Percolate with diluted alcohol until 40 parts of tincture are obtained.

The extract may be added to plain soda water in the proportion of half a teaspoonful or so to an ordinary glass. If desired syrup may be added to the extract in suitable quantity to modify the taste.—Merck's Report.

ROOT BEER EXTRACT

Fluid Extract Sarsaparilla	1 pt.
Fluid Extract Calamus	2 oz.
Oil Sassafras	4 dr.
Oil Wintergreen	1 dr.
Oil Anise	1 dr.
Alcohol	1 pt.
Sugar Color	2 pts.
Water to make	1 gal.

Mix the caramel with 2 pints water, add the fluid extracts, then the oil previously mixed with the alcohol, and finally enough water to make 1 gallon.

REMEDIES FOR INSECT BITES

1.—Carbolic Acid	15 grs.
Glycerin	2 drs.
Rose Water	4 ozs.
2.—Salicylic Acid	15 grs.
Collodion	2½ drs.
Spirit Ammonia	5½ drs.
3.—Fld. Ext. Rhus Toxicoden-	
dron	1 dr.
Water	8 ozs.
4.—Betanaphthol	30 grs.
Camphor	30 grs.
Adeps-Lanae Cold Cream	1 oz.
5.—Sodium Bicarbonate	2 drs.
Sodium Chloride	2 drs.
Water	4 ozs.
6.—Olive Oil	1 oz.
Ammonia Water	1 oz.
Oil Turpentine	½ dr.
Tincture Opium	½ dr.
7.—Menthol	8 grs.
Alcohol	6 drs.
Stronger Ammonia Water	2 drs.

For application to insect bites, touch the part with a drop of the fluid on the point of a tooth-pick.

8.—Cocaine Hydrochlorate	10 grs.
Glycerin	15 min.
Alcohol	2 drs.
Rose Water to make	2 ozs.
9.—Formaldehyde	5 pts.
Alcohol	10 pts.
Water	10 pts.

This should be applied in small quantities to the bitten spot, and should not be covered by a bandage, nor applied to the broken skin. It is said to be very efficacious.—Apothecary.

MOSQUITO LOTION

Eucalyptol (or Oil of Eucalyptus). 1½ ozs.	
Acetic Ether	6 drs.
Cologne Water	6 ozs.
Tincture of Insect Powder (1 in 5). 7½ ozs.	

Diluted with from 3 to 6 parts of water.

This may be used as an application to the skin to prevent the attacks of mosquitoes. It may also be sprayed about the room to destroy or expel mosquitoes.

VINAIGRE ROUGE (RED TOILET VINEGAR)

Acetic Acid	24 parts
Alum	3 parts
Peru Balsam	1 part
Carmin, No. 40	12 parts
Ammonia Water	6 parts
Rose water, distilled	575 parts
Alcohol	1,250 parts

Dissolve the balsam of Peru in the alcohol, and the alum in the rose water. Mix the two solutions, add the acetic acid, and let stand over night. Dissolve the carmine in the ammonia water, and add to mixture. Shake thoroughly, let stand for a few minutes, then decant.

CREME DE LANOLINE

Recommended for the cure of tan, freckles, moth, etc.

Sulphur, precipitated	2 parts.
Zinc Oxide	1 part.
Lanolin	2 parts
Oil of Sweet Almond	2 parts
Perfume	sufficient

Melt the lanolin and almond oil together, add the zinc oxide and sulphur, and stir in well. Remove from the fire and add the perfume—the triple extract of violets. Stir till cold.—Mo. Magazine Pharmacy.

INK FOR FOUNTAIN PENS

A black ink suitable for fountain pens may be made by simply dissolving about 200 grn. of water-soluble nigrosine in 1 pint of water, and filtering. If desired, about 20 grn. of gelatine and 10 grn. of potassium bichromate may be added. These additions tend to make the written characters much more permanent.

Optical Department

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics,
Toronto.

A patient, referred to me recently by an optician, shows how easily an optician can get tripped up if he does not think. The case was a young man, aged 20, who was a bookkeeper. He had always enjoyed good vision for distant and near sight until the last few weeks. His distant vision is still as good as ever, but he is unable to read ordinary book or newspaper print at all, and cannot see the figures on his books and hence has, temporarily, at least, been forced to stop his work. Had the case been that of an old man we would easily conclude that Presbyopia was the cause. Loss of accommodation would be the cause in the old and loss of accommodation would also be the cause in the young. In the former the loss of accommodation would be caused by age, but in the young the loss of accommodation would be caused by paralysis of accommodation.

Now, what would cause paralysis of accommodation in the young?

Had he been using eye drops of any kind we might suspect they contained atropine or some other cycloplegic. Nothing of the kind, however, had been used in this case at all.

When questioned if he had had a sore throat recently he replied yes, but that was over six weeks ago and was very mild.

Upon further questioning I found that the sore throat had spread from him through the entire family, but not one of them was ill enough to call in a doctor.

The sore throat was undoubtedly diphtheria of a mild type and all graduate opticians should know that the poison of diphtheria sometimes paralyzes the ciliary muscle and that the paralysis may show itself some little time after the throat is well and that paralysis of the ciliary may follow mild diphtheria.

The subject was put upon iron and strychnine, cold bathing, electricity, etc., which soon restored the tone of the ciliary.

During the medicinal treatment he was given a pair of plus lenses, so that he could continue his bookkeeping.

Any one is liable to meet a similar case any time and therefore, should bear this in mind.

"SIX BEST OPTICAL BOOKS"

In the discussion on "Which are the Six Most Useful Books for the Optical Student," held at the Students' meeting of the Optical Society last week, says The Optician (London, Eng.), some twenty books in all were suggested, and at the

conclusion of the meeting a vote was taken, which, combined with lists received from members unable to be present, gave the following result. The books are arranged in accordance with the number of votes each received:

- (1) Optical Tables and Data—Thompson.
- (2) Physiologic Optics—Tscherning.
- (3) Photographic Optics—Lummer.
- (4) Light for Students—Edser.
- (5) Key to Sight Testing—Taylor and Baxter.
- (6) Optical and Surveying Instruments—Stanley.

Calomel and Hydrogen Peroxid Incompatible. —Tamisier (Apoth. Ztg.) calls attention to the fact that calomel and hydrogen peroxid are incompatible, mercuric chlorid being formed in considerable quantity when the two are mixed.



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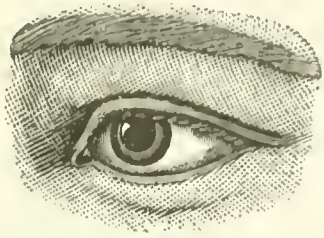
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because of the proficiency attained through taking our course. It is complete and practical, enabling students to have a thorough working knowledge of how to examine and fit eyes, and is a regular \$25 college course given by correspondence for only \$8 (\$2 down and balance \$1 a week, if you wish). There is no neglect of ordinary work in taking it. Lectures are in simple, precise language which anyone can understand. Answers to all questions which may arise. **Write** and enroll to-day.

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Photographic Department

BERLIN, S.O. 36.

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Metol is supplied in a crystalline powder form, and is used in conjunction with carbonic alkalies.

Metol is a quick and powerful developer, bringing out all detail possible, and gradually building up the density in well-balanced gradations.

Metol permits of shorter exposures than the other developers, but it should be remembered, while developing, that the negative loses density in the fixing-bath.

The image in detail, rushes up with extraordinary rapidity. This does not necessarily indicate over-exposure: the result must be judged entirely by transmitted light.

1 oz.	4 oz.	8 oz.	16 oz.
\$0.75	\$2.75	\$5.25	\$10.00

Glycin

Glycin has the characteristic of giving particularly "clean" negatives, and is for this reason a very popular developer for black and white work, being used extensively by makers of half tone and other reproduction blocks.

It gives good density with a beautiful transparency in the shadows, without loss of detail and without any possibility of stain, with a very fine grained image, for which reason it is indicated for the development of photo micrographic negatives.

It is because of these advantages peculiarly suitable to the "stand development" system. It is not so rapid as most of our other developers, but is very adaptable to uncertain and variable exposures.

1 oz.	4 oz.	8 oz.	16 oz.
\$0.75	\$2.75	\$5.25	\$10.00

Ortol

A quick and powerful developer giving negatives closely resembling those produced by Pyro; but as the deposit is of a more actinic nature, development needs to be carried rather further than is apparently sufficient, to obtain a clean printing negative.

Ortol produces excellent gradations and ample density; it may be used over and over again, and apparently does not lose its power so soon as some other developers. It is also supplied in cartridges and glass tubes.

1 oz.	4 oz.	8 oz.	16 oz.
\$0.75	\$2.75	\$5.25	\$10.00

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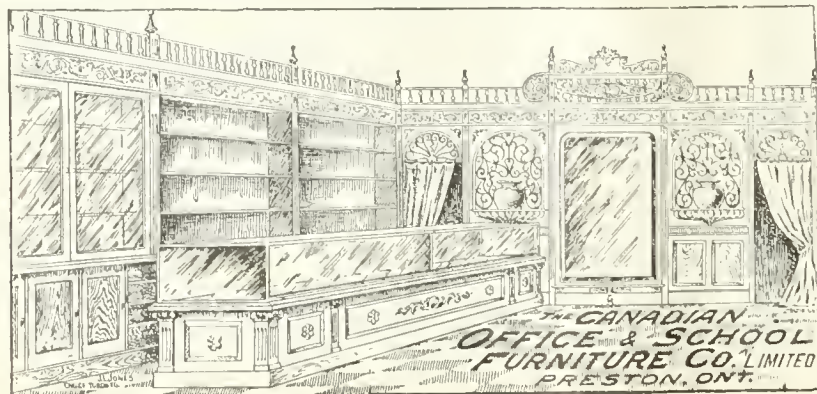
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Photographic Notes

AUTOMATIC RETOUCHER FOR PHOTOGRAPHS

An invention that bids fair to make a sensation in photographic circles is an efficient, but simple, little apparatus about to be placed on the market by Mr. Theodore Brown, of Castle Street, Salisbury, England. This latest invention of his, patents for which are pending, consists of a special shutter to be used on the hood of the lens in the usual way. The working is as follows:

The camera having been set up and adjusted in the usual manner, the exposure is made by pressing a bulb, which operates the shutter and keeps it open until the pressure is relaxed. During the exposure a supplementary disc, which works within the shutter, so manipulates the rays emitted, that the image impressed upon the plate is modelled automatically. The result of this is that the developed negative yields positive prints, which are, to all interests and purposes, like prints taken from hand retouched negatives.



The skin of the subject is rendered soft, the wrinkles suppressed, and excessive shadows subdued; without involving a touch of the lead pencil or use of retouching tools. It is evident, on the surface, that this invention, if it fulfils the promise made for it, will prove a boon to both amateur and professional, saving, as it will, the necessity of practising the present difficult, expensive, and laborious task of retouching by hand. We understand that specimens produced by means of this unique process, are obtainable free on application to the inventor.—Optician.

THE COMBINED TONING AND FIXING BATH

Perhaps I may be excused for returning to such a hackneyed subject as this, in view of the many misconceptions which still seem to prevail regarding the necessary ingredients for the combined toning and fixing of P.O.P. prints. This very convenient method has fallen into some disrepute, and is seldom advocated by the paper-makers—I think rather undeservedly. In earlier photographic days, even before the advent of albumenized paper, and when prints were generally produced on plain salted paper, freshly sensitized as required for use, the *sel d'or*, a combined toning and fixing, was in general use, and no trouble seems to have arisen in connection with it. With the gelatin emulsion papers of the present day, however, troubles are frequently cropping up, the chief of these being a rapid yellowing of the prints, especially when exposed to light, and a general want of permanency. These troubles, I am convinced, are due to the use of a bath with an acid reaction, weak in "hypo," and consequently in fixing strength, and often containing lead salts, which last are added with the idea of preserving the whites of the prints, and, I believe, are totally unnecessary, if not harmful. The conditions necessary for success are that the bath shall be neutral, and that it shall contain a full proportion of sodium hyposulphite, undecomposed by the addition of alum or any acid salt, and consequently unimpaired in its property of dissolving out completely not only the unacted upon silver chloride and other organic salts of silver, but also of completely redissolving and removing the double salt of sodium hyposulphite and silver formed in the process of fixing. These considerations were kept well in view when the calcium chloride toning and fixing bath was recommended in the "P. J. F.," and subsequent experience has confirmed me in my opinion of its good qualities. I would therefore draw special attention to this formula, as being suitable for sale to amateurs. The only drawback which it has, in comparison with separate toning and fixing, is that possibly in the warmer weather we hope soon to be enjoying, the toning of the prints may proceed too quickly, so that sufficient time is not allowed for perfect fixation. As a remedy I would suggest the addition of one grain of sodium sulphite to each pint of the combined bath as being likely to retard the toning action, and to use the bath at a temperature not exceeding 60 degrees F. When toning and fixing are complete the prints should be washed for at least half an hour, and then immersed for five minutes in the following:

Formaldehyde solution, 40 p.c. 1 oz.

Water to 10 oz.

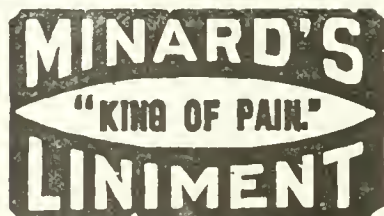
in order to harden the gelatin, after which a

washing for one hour in frequent changes of water will be sufficient. I do not think there will be any cause for dissatisfaction with prints so treated as regards beauty of tone or permanency; it should, however, be remembered that prints from poor and thin negatives will never yield good tones by any process; for such prints the slow contact or "gas-light" papers will be more suitable. The last point to be emphasized is that the combined bath cannot be used indefinitely; from $1\frac{1}{2}$ to 2 grains of gold chloride should be added to 10 fl. oz., and this quantity used for not more than one shilling packet of P.O.P., then thrown away, and a fresh solution employed for the next batch of prints.—By a Pharmacist Photographer, in Phar. Journal (Eng.)

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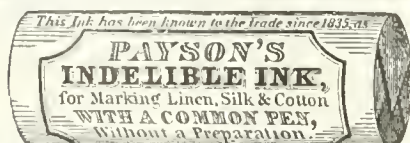
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THE OLDEST **THE BEST**
Received Medal and Diploma at Province of
Quebec Exposition, Montreal, 1897.
Trade supplied by all leading Drug Houses in the
Dominion

Drug Report

Business during the past month has been quite up to the average. There are no special changes in price to note.

Cod Liver Oil is lower.

Opium and Morphia Salts are higher.

Gum Shellac is advancing again.

Distilled Water. Price has been fixed by the handlers at 10c. gallon in small lots; 5 gallon lots 7c. The advance is caused because it does not pay to handle it at 5c. gallon.

The new National Standard Dispensary will be out about September 1st. The prices will be:

Cloth—\$7.25 net, or \$7.63 usual terms.

Full leather—\$8.00 net, or \$8.42 usual terms.

Cloth with index—\$7.75 net, or \$8.15 usual terms.

Leather with index—\$8.50 net, or \$8.95 usual terms.

New Tins. The following prices have been fixed by the wholesale houses in view of the fact that they are not returnable for credit:

1 gallon	20c.
2 gallon	30c.
3 gallon	35c.
5 gallon	40c.
10 gallon	60c.

DRUGGISTS' "DON'T'S"

Don't belittle your customer's knowledge by insisting on substituting other soaps for Baby's Own on the plea that they are just as good; honestly now we think you know that at the price they cannot improve on Baby's Own.

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc., 50 cents for 25 words or less; subsequent insertions 25 cents. Send cash with order.

SPECIAL ATTENTION

I buy and sell Drug Stores exclusively. Expert service. Special plan. Drug men furnished positions. Employees furnished. It will pay you to write for particulars.

F. V. KNIEST, R.P.,
"The Drug Store Man."
624 N.Y.L., Omaha, Neb.

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\$50 to \$100 per month salary assured our graduates under bond. You don't pay us until you have a position. Largest system of telegraph schools in America. Endorsed by all railway officials. **Operators always in demand.** Ladies also admitted. Write for catalogue.

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Small, clean, nearly new stock of Drugs, Sundries and Groceries, with small amount of handsome Fixtures. Would divide stock, and, if quick reply, would sell at bargain.

LOCK BOX D, Paisley, Ont.

"A Kasagra Krank"

A good customer says that is what his physicians call him.

The amount of his purchases back up his assertion that they have grown to appreciate his judgement of cascara preparations. His counter trade too, have learned that they are never disappointed when they come to him for cascara.

It Pays to be the Right Sort of a "Krank"

Make Kasagra YOUR leader.

Frederick Stearns & Company

Windsor, Ont.

Detroit, Mich.

O Shika San !

This dainty Japanese odor was one of our most popular sellers last year, and the demand is steadily increasing. We are this year offering O Shika San in a couple of lines of

Imported Japanese Packers

of original design and style. The cut-glass stoppered bottles are embedded in imported Japanese handkerchiefs beautifully printed, the whole giving a very distinctly oriental effect.

1 oz. glass stoppered bottles in lithographed box of Japanese design - - \$7.50 the doz.

1 oz. cut-glass stoppered bottles in imported Japanese packer - - \$9.00 the doz.

2 oz. cut-glass stoppered bottles in imported Japanese packer - \$12.00 the doz.

8 oz. bottles in bulk - \$3.00 the bottle

Do not forget our attractive

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Will help sell the goods. Order now.

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SHOULD you desire to come to the great North-West, either to engage in the drug business for yourself, or to take a position as a clerk, we may be able to assist you.

We are constantly in touch with every section of Western Canada, and we shall be glad if we can be of service to any one, desiring information, as to location, etc.

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Specialists—Tooth Nail and Hair Brush Manufacturers

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N. —A Large Stock of Finished Tooth Brushes, Nail Brushes, Hair Brushes, &c., kept ready for Merchants' Shipping Orders. A trial order solicited. Illustrated Price List sent Free on application.

PRICES CURRENT AND INDEX OF NEW REMEDIES.

Prices given below are *actual values* for small quantities ruling in the Canadian Market to-day. Quotations are subject to change without notice. Physicians must expect to pay an advance on prices reported, since these values are actually charged to the trade, and do not cover expenses of any kind.

ACETONE, C.P.	90	ACID Muriatic, C.P., lb.	\$ 20	ALMOND MEAL, lb.	\$ 50
" Commercial, lb.	35	" Nitric, Com'l, lb.	21	ALOIN, oz.	21
ACID ACETIC B.P., lb.	\$0 15	" Nitric, C.P., 1 lb.	25	ALUM, lb.	3
" Acetic, 99½ per cent lb.	45	" Nitrous, lb.	30	" Ammoniated, lb.	35
" Acetyl Salic., oz.	30	" Oleic, oz.	5	" Burn', lb.	12
" Arsenious (Arsenic), lb.	12	" Osmic 1 gramme tubes, each	3 00	" Chrome, lb.	16
" Benzoic from gum, oz.	30	" Oxalic, lb.	12	" " Pure, lb.	25
" Benzoic from Toluol, oz.	10	" Oxalic, Pulv., lb.	15	" Potash, lb.	30
" Boracic Crystals, lb.	12	" Oxalic, C.P., lb.	50	" Pulv. lb.	4
" Boracic, Pulv., lb.	12	" Perchloric, oz.	35	ALUMINIUM, coarse powder, oz.	25
" Butyric, oz.	25	" Phosphoric, Concent., 1500, lb.	45	" Acetate, oz.	15
" Cacodylic, 5 grain bot., each	30	" Phosphoric, Dil., lb.	16	" Acetotartrate, oz.	12
" Camphoric, oz.	45	" Phosphoric, Glacial, oz.	10	" Bromide, oz.	40
" Carbolic, 1 lb. bots.	32	" Phosphoric, Syrupy 1750, lb.	50	" Chloride, pure, oz.	25
" Carbolic, 5 lb. tins, lb.	28	" Picric, lb.	70	" Hydrate, pure, oz.	30
" Carbolic, 10 lb. tins, lb.	26	" Prussic, gs bots., doz.	1 25	" Metal, oz.	15
" Carbolic, Crude, opt., gal.	1 50	" Pyrogallie, Merck's, oz.	30	" Nitrate, pure, oz.	20
" Carbolic, Crude Com'l gal.	75	" Pyrogallie, Schering's, oz.	32	" Oxide, pure, oz.	25
" Cetraric, 15 grain bot., each	80	" Pyroligneous, lb.	7	" Salicylate, oz.	50
" Chloroacetic, oz.	40	" Salicylic, lb.	-48	" Sulphate, pure, oz.	20
" Chromic, Pure Cryst., oz.	12	" Salicylic, natural oz.	75	" Tartrate, oz.	20
" " Highly Pure Cryst. oz.	25	" Sulphoanilic, oz.	45	ALUMNOL, oz.	40
" Chrysophanic, oz.	30	" Sulph. Aromat., lb.	65	AMIDOL, oz.	70
" Cinnamic, oz.	50	" Sulph. Carbolic, oz.	10	AMMONAL, oz.	1 50
" Citric, lb.	50	" Sulph. Com'l, lb.	6	AMMONIA, Acetate, oz.	15
" Citric, Pulv., lb.	52	" Sulph. C.P., lb.	20	" Arseniate, oz.	30
" Fluoric, 1 lb. bots., each	1 00	" Sulphurous, lb.	15	" Benzoate, oz.	20
" Fluoric, ½ lb. bots., each	60	" Stearic, oz.	35	" Bichromate.	12
" Fluoric, ¼ lb. bots., each	15	" Tannic, lb.	85	" Borate, oz.	20
" Fluoric, oz.	10	" Tartaric, Cryst., lb.	33	" Bicarbonate, oz.	25
" Formic, oz.	15	" Tartaric, Pulv., lb.	35	" Bromide, lb.	50
" Gallic, oz.	12	" Tartaric, C.P., Cryst., lb.	85	" Bisulphite, oz.	35
" Glycerino phosphoric, oz.	90	" Tartaric, C.P., Pulv., lb.	90	" Carbonate, lb.	14
" Hydriodic, oz.	40	" Thymic, (see Thymol)		" " C.P. Howds., lb.	60
" Hydrobromic, lb.	35	" Titanic, one-eighth oz. for	25	" " C.P. Mercks., lb.	50
" Hydro-Silico Fluoric	3 10	" Uric, oz.	60	" Carbonate, Powd., lb.	20
" Hypophosphorus, oz.	55	" Valerianic, oz.	35	" Fluoride, oz.	25
" Iodic, oz.	1 00	ACONITINE, 1 gramme, each.	50	" Glycerophosphate, oz.	50
" Lactic Concent'd, oz.	12	ACONITINE, Pure Amorph., grain.	40	" Hydrosulphide, lb.	30
" Mallic, oz.	1 20	ADEPS LANA, Hydrous, lb.	40	" Hydrosulphite, oz.	25
" Meconic, oz.	2 00	ADUROL, 25 gramme packets, each.	75	" Hypophosphite, oz.	40
" Molybdic, pure, oz.	25	AIROL, oz.	90	" Iodide, oz.	45
" Monochlor. acetic, oz.	40	ALBUMEN, from egg, oz.	15	" Liquor fort, lb.	12
" Muriatic, Com'l, lb.	6	ALBUMEN, from blood, oz.	10	" Molybdate, oz.	25
		ALCOHOL, gal.	5 00	" Muriate, Lump, lb.	14
		" Absolute, pint.	1 35	" " Gran., lb.	12
		" Columbian Spt., gal.	2 10	" " C.P., lb.	20
		" Methylated, gal.	2 00	" Nitrate, com'l, lb.	40
		" Wood, gal.	1 25	" " C.P., oz.	10
		ALDEHYDE, oz.	20	" Nitrite, oz.	20
		ALMONDS, Bitter, lb.	50	" Oxalate, oz.	10

AMMONIA, Persulphate, (z).....\$ 15	BARK, Cotton Root, lb.....\$ 20	BOROGLYCERINE, oz.....\$ 20
" Phosphate, extra pure, oz.....01	" Cundurango, lb.....65	BROMALINE, oz.....1 25
" " Purified, oz.....75	" Elm, lb.....45	BROMINE, oz.....10
" Picrate, oz.....25	" Hemlock, lb.....10	" C. P., oz.....25
" Salicylate, oz.....30	" Mezeron, lb.....25	" Chloride, oz.....50
" Succinate, oz.....30	" Peruvian, Red, lb.....45	BROMIPIN, oz.....25
" Sulphate, com'l, lb.....8	" " Yellow, lb.....40	BROMOFORM, oz.....30
" " Pure, oz.....10	" Pomegranate, lb.....45	BROOMTOPS, lb.....30
" Sulphide (Solution), lb.....55	" Poplar, lb.....13	BRUCINE, oz.....1 20
" Sulphite, (z).....15	" Sassafras, lb.....20	" Hydrobromate, oz.....1 75
" Sulphocarbonate, oz.....30	" Soap, lb.....14	" Hydrochlorate, oz.....1 75
" Sulphocyanide, oz.....10	" Tamarac, lb.....15	" Nitrate, oz.....1 75
" Sulphurated, oz.....1 25	" Wahoo, lb.....35	" Sulphate, oz.....1 75
" Tartrate neutral, oz.....25	" Witch Hazel.....15	BUCKTHORN JUICE, lb.....40
" Thio-cyanate, Pure, oz.....10	" White Pine, lb.....12	CADMIUM, oz.....20
" Valerianate, oz.....35	BALSAM, Canada, lb.....65	" Bromide, oz.....20
" Vandate, oz.....7 50	" Copaiba, Eng., lb.....85	" Chloride, oz.....20
AMYL, Acetate Oxide, oz.....10	" Copaiba, Amer., lb.....65	" Iodide, oz.....45
" Butyrate, oz.....10	" Peru, oz.....13	" Nitrate, oz.....20
" Formate, oz.....25	" Sulphur, lb.....30	" Oxide, oz.....50
" Nitrate, oz.....25	" Tolu, oz.....5	" Sulphate, oz.....20
" Nitric, oz.....25	BARIUM, Acetate, oz.....10	" Sulphide, oz.....35
" Valerianic, oz.....30	" Bromide, oz.....20	CAFFEINE, oz.....35
AMYLENE, Hydrate, oz.....60	" Carbonate, Pure, lb.....40	" Arseniate, $\frac{1}{2}$ oz., ea.....20
ANÆSTHESIN, 25 gramme packages, each 1 50	" " C. P., lb.....75	" Benzoate, $\frac{1}{2}$ oz., ea.....20
ANALGEN, 25 grammes for.....2 00	" Chlorate, oz.....20	" Citrate, oz.....25
ANEMONINE, for 1 grain tube.....20	" Chloride, Com'l., lb.....20	" Hydrobromate, oz.....50
ANETHOL, oz.....80	" " Pure, lb.....40	" Hydrochlorate, oz.....35
ANILINE, Pure, oz.....15	" Hydrate, oz.....18	" Nitrate, oz.....1 25
" Chloride, oz.....35	" Hypophos, oz.....40	" Salicylate, cz.....50
" Sulphate, oz.....40	" Nitrate, oz.....5	" Sulphate, oz.....80
ANTHRACIN, oz.....70	" Oxide Hydrate, Com'l. oz.....15	" And Soda Benzoate, oz.....1 00
ANTIFEBRINE, lb.....40	" " Pure Crystals, oz.....25	" And Soda Citrate.....1 00
ANTIKAMNIA, oz.....1 40	" Peroxide Anhydrous, Pure, oz.....5	CAFFEINE, and Soda Hydrobromate, oz. 1 00
" Vest Pocket Box, doz.....2 00	" Peroxide, Com., lb.....50	CAFFEINE, Valerianate, oz.....80
ANTIMONY, metal, oz.....5	" Phosphate, oz.....70	CALAMINE, prepared, lb.....6
" Pulv. pure, oz.....12	" Sulph Precip, oz.....5	CALCIUM, Acetate, oz.....40
" Pulv. com., lb.....6	" Sulphide, Pure, oz.....6	" Arseniate oz.....25
" Chloride, oz.....15	BEANS, Calabar, oz.....10	" Benzate, cz.....25
" Liver (crobus), lb.....16	" Locust, ground, lb.....6	" Bromide, lb.....20
" Oxyulph (Sulph. Precip.) lb.....55	Tonquin Angustura, lb.....1 6	" Carbide, lb.....15
" Oxide White (Acid Antimonic), oz.....25	" " Para, lb.....6	" Carbonate, Pure.....30
" Sulphate, oz.....25	" " Surinam, lb.....1 10	" " Precip., lb.....10
" Sulphide (Black) lb.....50	" " Vanilla, opt., oz.....6	" " Prepared, lb.....5
" " (Golden), oz.....12	" " No. 2, oz.....60	" Chlorate, oz.....25
" Tart. Pulv. (Tartar Emetic), lb.....40	BERBERINE, Muriate, oz.....1 60	" Chloride, Com'l., lb.....30
ANTINOSIN, oz.....2 25	" Sulph, oz.....1 00	" " Pure, oz.....15
ANTIPYRINE, Knorr, oz.....45	BENZANILIDE, oz.....1 25	" Fluoride, oz.....10
" Salicate, 25 grammes for.....50	BENZOL, lb.....55	" Glycerophosphate, oz.....30
" Swiss, oz.....25	BENZOAL, lb.....1 25	" Hippurate, $\frac{1}{2}$ oz., ea.....25
ANTISPOSMINE, 15 gramme bts., each..80	BENZOSOL, oz.....1 00	" Hydrate, Pure Crystal, oz.....15
ANTITOXINE, Neuralgic, cz.....1 15	BERRIES, Buckthorn, lb.....60	" Hypochlorite, oz.....10
APIOL, Green, oz.....65	" Coculus Indicus, lb.....15	" Hypophos, oz.....12
APOCODEINE, Hydrochlor, 1 grain bts., each.....25	" Cubebs, lb.....20	" Iodate, oz.....80
APOLYSINE, oz.....90	" French, lb.....20	" Iodide, oz.....60
APOMORPHIA, Muriate, $\frac{1}{2}$ oz for.....1 20	" Juniber, lb.....8	" Lactate, cz.....20
ARBUTIN, Crystals, oz.....1 50	" Laurel, lb.....15	" Lactophosphate, oz.....25
ARECA, Nuts, lb.....25	" Prickly Ash, lb.....25	" Nitrate, oz.....25
" Pulv., lb.....35	" Poke, lb.....20	" Permanganate, cz.....1 00
ARECOLINE, Hydrobromate, 15 grain bot., each.....2 50	" Saw Palmetto, lb.....65	" Phos. Precip., lb.....20
ARGENTAMINE, oz.....85	BETOL, oz.....65	" Phosphate, C. P., oz.....20
ARGENTUM Crude (Collargolum), oz.....3 50	BISMAL, oz.....75	" Phosphide, cz.....45
ARGONINE, oz.....90	BISMUTH, Acetate, oz.....50	" Saccharate, oz.....25
ARGYROL, oz.....2 10	" Ammon Cit., oz.....40	" Salicylate, oz.....25
ARISTOCHIN (Bayers).....3 25	" Benzoate, oz.....50	" Silicate, oz.....20
ARISTOL (Bayers), oz.....2 10	" Betanaphthol, oz.....60	" Sulphate Precip., cz.....10
ARROWROOT, Bermuda, lb.....50	" Bromide, oz.....55	" Sulphide, oz.....15
" Com., lb.....20	" Carb, cz.....30	" Sulphite, oz.....30
ARSENIC (Metal), oz.....20	" Citrate, oz.....50	" Sulphocarb, oz.....25
" Bromide, oz.....40	" Lactate, oz.....1 00	" Tungstate, $\frac{1}{2}$ oz., ea.....20
" Chloride, oz.....45	" Liquor, lb.....45	CAMPOR, in balls, lb.....1 05
" Iodide, oz.....60	" Metal, oz.....30	" $\frac{1}{2}$ blocks, lb.....1 08
" Sulphide Red (Realgar), oz.....12	" Nitrate Crystals, cz.....30	" oz. blocks, lb.....1 10
ASAPROL, oz.....2 00	" Oxalate, oz.....50	" $\frac{1}{2}$ oz. blocks, lb.....1 15
ASEPTOL, oz.....25	" Oxide, oz.....40	" Powdered, lb.....1 40
ASHES, Pearl, lb.....12	" Oxychloride, oz.....50	CANNABINE TANNATE, 15 grain tubes, ea. 20
" Pot, lb.....12	" Oxyiodide, oz.....10	CANTHARIDES, whole, Chinese, lb.....1 00
ASPARAGIN, $\frac{1}{2}$ oz. each.....20	" Oxynitrate, oz.....35	" Powder, Chinese, lb.....1 10
ASPHALTUM, lb.....12	" Phosphate, oz.....70	" Whole, Russian, lb.....1 90
ASPIRIN, oz.....65	" Salicylate, oz.....30	" Powder, Russian, lb.....2 00
ATROPIA, Pure, oz.....7 50	" Subgallate, oz.....30	CARBON, Bi-sulph, lb.....14
" Sulphate, $\frac{1}{2}$ th, each.....90	" Subiodide, oz.....60	" Tetrachloride, cz.....05
" Valerianate, $\frac{1}{2}$ each.....1 60	" Subnitrate, lb.....3 60	CAROID, powd., oz.....1 75
ATONYL, oz.....3 75	" Tannate, oz.....45	CASEINE, oz.....25
BARK, Ash Prickly, lb.....35	" Tribromphenol (Nereform).....90	CASTOREUM, oz.....80
" Angustura, lb.....50	" Valerianate, oz.....55	CELLOIDIN Chips, oz.....1 00
" Bayberry, lb.....25	BOLE, Armenia, lb.....7	CERIUM, Nitrate, cz.....25
" Canella, lb.....25	BORAX, C. P., Cryst., lb.....35	" Oxalate, oz.....10
" Cascara, lb.....30	" C. P. Pulv., lb.....40	CHALK, French lump, lb.....25
" Cascarella, lb.....30	" Cryst., lb.....6	" French, powd., lb.....5
" Cherry Black, lb.....15	" Pulv., lb.....6	CHIRETTA, lb.....40
" Coto, lb.....1 40	" Glass, lb.....40	CHLORALAMID, oz.....30
	BONE DUST, lb.....10	CHLORAL, Ammonia, oz.....1 50
	BOROLYCEIDE, oz.....5	" Caffeine, oz.....1 50

CHLORAL, Hydrate, lb.....	\$ 1 20	COPPER, Sulphate, pure, lb.....	\$ 50	FERROPYRINE, 25 gram pckt., ea.....	\$ 1 35
" Hydrocyanate, lb.....	1 60	" Tartrate, oz.....	15	FLOWERS, Arnica, lb.....	20
CHLORALOSE, oz.....	2 75	" Trimmings, lb.....	50	" Chamomile, German, lb.....	30
CHLOROFORM, D. & F. Blue Label, lb.....	1 00	" Wire, pure, oz.....	10	" " Roman, lb.....	30
" D. & F. Pure, lb.....	2 00	COTOIN, True, 5 grain bots., ea.....	30	" Calendula, lb.....	80
" D. & F. Methyl, lb.....	1 65	COWHAGE, oz.....	75	" Elder, lb.....	30
" German, lb.....	65	CORNATINE, Citrate, 5 grain bots., ea.....	5 00	" Lavender, lb.....	15
" Lymans, lb.....	1 25	CREOSOTE, B.W., lb.....	1 35	" Rose, oz.....	10
" Smith's, lb.....	90	" C.P. white, lb.....	80	FORMALDEHYDE, lb.....	22
CHLOROPHYL, for spirits, oz.....	20	" Carb., oz.....	35	FORMALINE, Scherings, lb.....	65
" for oils, oz.....	20	" Valerianate, oz.....	40	" Pastilles, box of 20, ea.....	30
" for water, oz.....	20	CRRSALOL, Para, oz.....	1 75	" Lamps, Scherings, ea.....	1 75
CHROMIUM, Acetate, oz.....	40	" 8.....	8	" Dusting powder in 1/2, lb.....	80
" Carbonate, oz.....	50	CROCUS, Martis, lb.....	40	FORMIN, Merck's, oz.....	20
" Chloride, soluble, oz.....	60	CROTON, Chloral, oz.....	40	FORMOL, lb.....	55
" Chloride, solution, oz.....	20	CUBEBINE, oz.....	5 00	FLUOR SPAR, powd., lb.....	12
" Metal, oz.....	60	CUMARIN, oz.....	60	FLUORESCIN, oz.....	1 00
" Nitrate, oz.....	30	CUTTLE FISH BONE, lb.....	30	FLUORESCIN, oz.....	1 00
" Oxide, oz.....	10	" Powd., lb.....	40	FULLER'S EARTH, lb.....	8
" Powdered, oz.....	30	CYSTOGEN, powder, oz.....	1 00	" Powd.....	6
" Sulphate, oz.....	50	" Tablets, oz.....	1 10	GADUOL, oz.....	40
CHINAPHRIN, oz.....	1 85	CURARE, with active principle, 1 grain bot., ea.....	2 50	GALENA, oz.....	5
CHRYSAROBIN, oz.....	30	DATURNINE, pure, 5 grain bot., ea.....	80	GALLANOL, oz.....	1 25
CINCHONINE, Muriate, oz.....	30	" Hydrochlor., " ".....	80	GALLICIN, oz.....	1 25
" Pure Crystal, oz.....	40	" Sulphate, " ".....	80	GALLOBROMOL, oz.....	1 25
" Sulphate, oz.....	30	DECOCT Aloes Co., lb.....	40	GALLS, lb.....	25
" Salicylate, oz.....	50	" Sarsac, lb.....	40	GARLIC, lb.....	25
CINCHONIDIA, Sulph., oz.....	50	DELPHININE, 15 grain bot., ea.....	1 25	GELANTHUM, 1/2 kilos, ea.....	85
CINCHONIDINE, pure Cryst., cz.....	1 00	DIABETIN, 100 grammes for.....	2 00	GLATINE, for Hypodermic use, 100 grammes, ea.....	1 00
" Hydrochlor, oz.....	65	DIAPHATHERINE, cz.....	75	" Coopers, lb.....	75
" Iodide, oz.....	80	DIAPENTE, lb.....	25	" Cox's, per d z.....	1 35
" Tannate, oz.....	50	DIASTASE, oz.....	70	" French, Bronze label, lb.....	35
CITRIN, oz.....	1 25	DIASTINE, oz.....	2 00	" " Gold ".....	55
CITROPHEN, 1/2 oz., ea.....	25	DIGITALIN, Amorph., grain.....	4	" " Red ".....	75
COBALT, lb.....	25	" German, pure, 1/8 oz. bot. for.....	80	" " Silver ".....	40
COBALT, Chloride, oz.....	30	" Digitine, pure, 5 grain tube, ea.....	40	GENTIAN VIOLET, oz.....	45
" Carbonate, oz.....	40	DIGITONIN, Cryst., 1 grain tubes, ea.....	1 25	GERSEMIN, oz.....	2 50
" Nitrate, oz.....	25	DIMEIHY LAMIDO AZO-BENZO Pure, oz.....	1 25	GELSEMININE, C.P., 5 grain bot., ea.....	80
" Oxide, oz.....	45	DIONIN, 15 grain tube, ea.....	40	" Hydrobromate, " ".....	80
" pure, oz.....	75	DI THYMOL DI IODIDE, oz.....	50	" Hydrochlorate, " ".....	80
" Sulphate, oz.....	35	DIURETIN, Knoll, oz.....	1 30	" Sulphate, " ".....	80
COCAINE, Alkaloid, oz.....	8 25	" Mercks (Theobromine and Soda Salicyl) oz.....	1 10	GINGERINE, oz.....	30
" Carbolate, 15 grain bot., ea.....	90	DORMIOL, Solution, 100 gramme bot., ea.....	1 25	GLASS WOOL, oz.....	50
" Muriate, oz.....	5 50	DUBOISINE, Sulphate, 2 grain tube, ea.....	70	GLUCOSE, lb.....	6
" Nitrate, oz.....	11 00	DULCIN, oz.....	25	GLUTOL, oz.....	1 00
" Oleate, 5%, oz.....	75	EDINOL, powd., oz.....	75	GLYCERINE, lb.....	22
" Salicylate, 5 gr. tubes, each.....	40	EIGON, Alpha, 20 gramme bot., ea.....	1 00	" Mercks, lb.....	60
" Solution, 4%, oz.....	1 00	" " and Sodium ".....	1 00	" Price's, lb.....	60
COCHINEAL, lb.....	80	" Beta, ".....	1 00	GLYCIN, oz.....	75
" Pulv., lb.....	85	EIKONOGON, oz.....	35	GLYCOLINE, lb.....	32
COCOA BUTTER, lb.....	50	ELATERIUM, 1/8 oz. bot., ea.....	25	GLYCOZONE, 1/4 bottles, each.....	1 00
CODEIA, Cryst., oz.....	3 60	ELATERIN, Cryst., 15 grain bot., ea.....	1 25	GOLD BROMIDE MONO, 5 grain bots., each.....	90
" Citrate, 1/8 oz., ea.....	1 60	ENETINE, Alkaloid, 5 grain bot., ea.....	1 25	" Bromide Tri, 5 grain bottles, each.....	75
" Hydrochlor., 1/8 oz., ea.....	1 00	" Resinoid, 1/8 oz., ea.....	1 25	" Chloride and Sodium, 15 grain bots., doz.....	3 75
" Phosphate, 1/8 oz., ea.....	60	EPICARIN, Veterinary, oz.....	1 00	" " Solution, oz.....	3 15
" Sulphate, 1/8 oz., ea.....	60	" Pure, oz.....	1 10	" " Dry, 15 grain bottles, doz.....	8 00
COLCHICIN, C.P. Cryst., 15 grain bot., ea.....	3 00	ERGOT, lb.....	85	" Cyanide Mono, 5 grain bots., each.....	1 00
COLOCYNTH, Apple, lb.....	65	" Pulv., lb.....	1 00	" " Tri, 5 grain bottles, each.....	1 00
" Pulv., lb.....	70	ERGOTINE, Bonjean, oz.....	50	" Oxide, 5 grain bottles, each.....	75
COLLODION, lb.....	65	ERYTHROL TETRANITRATE TABLETS, bots. of 50, ea.....	2 00	GRALIQUINE, oz.....	1 70
" Canthar., oz.....	12	ERYTHROPHLEINE, Hydrochlor., grain.....	35	GRAIN S PARADISE, lb.....	30
" Flexible, oz.....	5	ESERINE, C.P., 5 grain bots., ea.....	1 10	GUAIACUM RAPID, lb.....	15
" Styptic, oz.....	10	" Citrate, " ".....	75	GUAIACOL, oz.....	40
COLORING, Brandy, lb.....	15	" Hydromate, " ".....	75	" Benzoin, oz.....	1 25
" Cocineal, lb.....	25	" Hydrochlorate, " ".....	50	" Carbonate, oz.....	40
CONFECT, Aromat., lb.....	60	" Nitrate, " ".....	75	" Salicylate, oz.....	1 60
" Opium, lb.....	75	" Pilocarpine, 3 grain tubes, ea.....	65	" Valerianate, oz.....	80
" Roses, lb.....	70	" Salicylate, 5 grain tubes, ea.....	85	GUAIACIN, 25 grammes, each.....	3 00
" Senna, lb.....	35	" Sulphate, " ".....	1 10	GUAIALINE, oz.....	1 65
" Sulphur, lb.....	40	" Tartrate, " ".....	75	GUETHOL, oz.....	1 40
CONINE, Alkaloid, oz.....	6 40	ETHER, Sulph., German, lb.....	50	GUARANA Pulv., oz.....	12
" Hydrobromate, 15 grain bot., ea.....	50	" " Squibbs, 100 grammes, tins each.....	40	GUN COTTON, oz.....	50
CONVALLAMARINE, 15 grain bot., ea.....	75	ETHYLENE, Bromide, oz.....	60	GUM ALOES Barb, lb.....	20
CONVALLARIN, 15 grain bot., ea.....	75	ETHYL, Bromide, oz.....	40	" Aloes Barb Pulv., lb.....	30
COPPER Acetate pure, oz.....	10	" Iodide, oz.....	1 00	" Cape, lb.....	25
" Arseniate, oz.....	25	EUCALYPTOL, oz.....	20	" Pulv., lb.....	35
" Arsenite, oz.....	25	EUDOXINE, oz.....	\$ 2 25	" Socot, lb.....	50
" Aluminate, oz.....	5	EUGENOL, oz.....	60	" " Pulv., lb.....	60
" Ammoniated, oz.....	10	EUMENOL, oz.....	40	" Ammoniac, lb.....	50
" Ammonia Sulph., lb.....	60	EUMYDRIN, 1 grain tubes, ea.....	10	" Arabic Select, lb.....	40
" Ashes, lb.....	35	EUONYMIN, oz.....	90	" 2nd Sel., lb.....	30
" Bromide, oz.....	75	EUPHORIN, cz.....	1 00	" " Sorts, lb.....	20
" Carbonate, oz.....	10	EUQUININE, 10 gram pckt., ea.....	1 00	" Pulv. Opt., lb.....	50
" Chloride Bi., oz.....	10	EURESOL, 25 ".....	1 00	" Pulv. Sorts, lb.....	30
" Cyanide, oz.....	20	EUROBIN, 25 ".....	1 00	" Assafoetida, lb.....	55
" Foil, oz.....	15	EUPROPHEN, cz.....	2 15	" " Pulv., lb.....	60
" Iodide, oz.....	75	EXALGINE, oz.....	1 25	" Benzoin, lb.....	50
" Metal, oz.....	25	EXIDIN TABLETS, 1/2 gramme each. (Boxes of 10 tablets), box.....	50	" " Opt., lb.....	1 00
" Nitrate, oz.....	12	FERRATIN, oz.....	1 25	" Catechu Com'l. (Japonica), lb.....	12
" Oxalate, oz.....	20			" Cubes, lb.....	25
" Oxide, black, cz.....	20			" " Pulv., lb.....	30
" " red, oz.....	10			" Copal, lb.....	90
" Oxyacetate, oz.....	10			" Damar, lb.....	40
" Sulphide, oz.....	25				
" Sulphate, Coml., lb.....	08				

GUM, Elemi, lb.....	\$ 65	IODINE, Chloride Tri., oz.....	\$ 75	ISINGLASS, Brazil, oz.....	\$ 15
" Euphorbium, lb.....	35	" Commercial, oz.....	40	" Russian, oz.....	40
" Pulv., lb.....	45	" Resublimed, oz.....	45	ITROL, oz.....	1 75
" Galbanum, lb.....	1 00	IODOCHLORIDE, oz.....	80	JALAPIN, oz.....	75
" Gamboge, lb.....	1 35	IODOFORM, Cryst. or Powder, oz.....	45	JALAP RESIN, oz.....	4 00
" Pulv., lb.....	1 40	" Bitumenized, oz.....	75	IOETHION, oz.....	1 50
" Guaiacum, Ordina y, lb.....	45	" Deodorized, oz.....	60	JUICE PAWPAW, oz.....	1 25
" Pulv., lb.....	50	IODOMUTH, oz.....	1 10	KAMALA, oz.....	25
" Opt., lb.....	1 00	IODOFORMOGEN, 25 grammes, each.....	60	KAOLIN, lb.....	10
" Kino, lb.....	70	IODOL, oz.....	1 20	KEFIR, fungi, oz.....	1 00
" Pulv., lb.....	80	IODOTHYRINE, 5 gramme pckt., each.....	1 50	KERATIN, Peptonized, oz.....	3 75
" Mastic, lb.....	80	IODOPIN, 100 gramme pckt., each.....	1 25	KOLA NUTS, lb.....	40
" Myrrb, lb.....	50	IODOPHENIN, oz.....	2 00	KOUSO, oz.....	10
" Pulv., lb.....	60	IODOPYRINE, 10 gramme bottles, each.....	50	KOUSSEIN, oz.....	6 00
" Olibanum, lb.....	25	IONONE, grain.....	5	KRESSAMINE, oz.....	1 00
" Sagapenum, lb.....	1 00	IRIDIN, (z.....	2 50	KRYOFINE, oz.....	1 10
" Sandrac, lb.....	40	IRON Acetate, oz.....	25	LACTOPHENIN, oz.....	1 00
" Sarg Dracanis, lb.....	80	" Albuminate Scale, oz.....	20	LACTUCARIUM, oz.....	75
" Pulv., lb.....	1 40	" Powd., oz.....	30	LANOLINE, lb.....	95
" Scammony, oz.....	40	" Saccharated, oz.....	25	LANTHUM NITRICUM, oz.....	50
" Pulv., oz.....	45	" Solution, lb.....	50	LARD, Benzoated, lb.....	25
" Seedlac, oz.....	5	" Alum, lb.....	55	LARGIN (5 gramme tubes), each.....	60
" Shellac, Orange, lb.....	65	" Ammonia Sulph., oz.....	10	LEAD, Acetate, C. P. Cryst., lb.....	30
" Bleached, lb.....	50	" Ammoniated, lb.....	1 00	" " " Powdered, lb.....	12
" Powd., lb.....	70	" Ammon Mur, lb.....	50	" Benzozate, oz.....	25
" Storax, lb.....	45	" Arsenate, oz.....	15	" Carbonate, Neutral, lb.....	50
" Spruce, lb.....	1 20	" Arsenite, oz.....	20	" Chloride, Pure, oz.....	15
" Substitute Yellow Dextrine, lb.....	10	" Benzoate, oz.....	25	" Foil, Assay, lb.....	30
" " White, lb.....	15	" Bromide, oz.....	25	" Iodide, oz.....	40
" Tamarac, lb.....	28	" by Hydrogen, oz.....	10	" Monoxide, lb.....	50
" Tbus. (Turpentine), lb.....	08	" Carb Precip., lb.....	15	" Nitrate, Pure, oz.....	10
" Tragacanth, Extra Select, lb.....	90	" " Sacch., lb.....	30	" Commercial, lb.....	25
" Pulv., lb.....	1 00	" Chloride (Ferric), oz.....	10	" Oleate, oz.....	25
" 2nd Select, lb.....	75	" (Ferrous), oz.....	12	" Oxide, Black, oz.....	10
" 2nd Select Pulv., lb.....	85	" Chromate (Ferric) oz.....	30	" " C.P., lb.....	75
" Sorts, lb.....	25	" Citrate, oz.....	10	" " Red, Pure, lb.....	50
HARTSHORN SHAVINGS, lb.....	40	" " Ammonia, lb.....	65	" Oxalate, oz.....	20
HAEMATONYLIN, oz.....	2 00	" Citrate and Quinine, 4 per cent., oz.....	15	" Peroxide, oz.....	30
HARMOL Arseno, oz.....	80	" Citrate & Quinine, 10 per cent., oz.....	18	" Silicate, oz.....	10
" Bromo, oz.....	80	" " B.P., oz.....	20	" Sulphate, C.P., oz.....	15
" Cupro, oz.....	80	" " and Strych., oz.....	25	" Sulphide, oz.....	15
" Iodized, oz.....	1 10	" " and Strychnine, oz.....	25	" Tannate, oz.....	25
" Zinc, oz.....	80	" Dialysed, lb.....	40	" Tartrate, oz.....	15
HARMOGALLOL, oz.....	80	" Ferrocyanide, Pure, oz.....	6	" Test, lb.....	25
HAEMOGLOBIN, oz.....	1 00	" Soluble, oz.....	12	LEAVES, Aconite, lb.....	15
HAEMOL, oz.....	80	" Glycerinophosphate, oz.....	35	" Bay, lb.....	15
HEDONAL, oz.....	1 50	" Hypophos, oz.....	12	" Belladonna, lb.....	25
HELENIN, 15 grain bottle, each.....	50	" Iodide, oz.....	50	" " Powdered, lb.....	30
HELIOTROPIN, oz.....	65	" " Saccharated, oz.....	3	" Buchu, lb.....	30
HELMITOL, (z.....	1 00	" Lactate, oz.....	15	" Chestnut, lb.....	20
HEMATIN, 15 grs., ea.....	2 00	" Lactoid, oz.....	1 00	" Coca, lb.....	40
HEMATIN, 15 grs., ct.....	50	" Lactophosphate, oz.....	20	" Damiana, lb.....	35
HEROIN, 16 grain tubes, each.....	35	" Malleate, oz.....	1 50	" Digitalis, lb.....	30
" Hydrochlor, 16 grain tubes, each.....	35	" and Manganese Citrate, oz.....	20	" " Pulverized, lb.....	25
HOLOCAINE, 1 gramme bottles, each.....	36	" Ferrous, oz.....	20	" Eucalyptus, lb.....	20
" Hydrochlor, 1 gramme bots., each.....	36	" Peptonized oz.....	20	" Henbane, lb.....	25
HOMATROPINE PURE, 1 grain tube, each.....	45	" " Solution, lb.....	65	" " Pulv., rized, lb.....	30
" Hydrobromate, 1 grain tube, each.....	35	" Oxalate, oz.....	15	" Henne, lb.....	80
" Salicylate, 1 grain tube, each.....	50	" " Ferric Scales, oz.....	25	" Jaborandi, lb.....	30
" Sulphate, 1 grain tube, each.....	50	" " and Ammonia.....	15	" Matico, lb.....	60
HONEY, lb.....	14	" " Potassium, oz.....	25	" Savin, lb.....	15
HOPS, in packages, lb.....	35	" Ferrous, oz.....	20	" Senna, ordinary, lb.....	16
HYDRASTIA, Wht. Alkaloid, 15 gr. tu., ea.....	40	" " Oxide Commercial, lb.....	25	" " Opt, lb.....	20
HYDRASTIN, Keith's, oz.....	3 50	" Black, oz.....	20	" " Pulverized, lb.....	25
" Murate " oz.....	4 50	" Brown Pure, lb.....	65	" Stramony, lb.....	20
" Sulphate " oz.....	5 00	" Red Saccharated, lb.....	50	" " Pulverized, lb.....	25
" Hydrochlor, 15 grain bottles, each.....	60	" Peptonized, oz.....	25	" Uva Ursi, lb.....	20
" Sulphate, 15 grain bottles, each.....	55	" Perchloride, oz.....	5	LEAVULOSE 100 grammes for.....	75
HYDRASTININE, 15 grain bottles, each.....	2 00	" Persulphate, (z.....	10	LECITHIN (60 grain tube), each.....	75
" Hydrochlor, each.....	1 50	" Phosphate Scale, oz.....	10	" Tablets (100 in bottle), bot.....	1 75
HYDRIC, Acetate, oz.....	25	" " lb.....	75	LEECHES, doz.....	1 00
HYDROQUINONE, oz.....	25	" Pyrites, lb.....	25	LENIGALLOL (25 gramme pckt), each.....	1 65
HYDROXAMINE Hydrochlor, 1/2 oz., each.....	1 25	" Pyrophos and Ammon Cit., lb.....	80	LENIROBIN (25 gramme pckt), each.....	1 00
HYOSCINE Hydrobrom 1 grain tubes, each.....	35	" " Soluble Scales, oz.....	15	LEMON PEEL, lb.....	20
" Hydrochlor, 1 grain tubes, each.....	35	" Rubigo, lb.....	15	LEPTANDRIN, oz.....	50
" Hydriodate, " each.....	35	" Salicylate, oz.....	25	LIME, Carbolate, lb.....	10
" Pure Amorphous " each.....	35	" Sesquichloride, oz.....	12	" Chloride, bulk, lb.....	4
" Sulphate, " each.....	35	" Silicate, oz.....	20	" " 1 lb.....	6
" Pure, 1 grain tubes, each.....	35	" Subsulphate, oz.....	10	" " 1/2 lb.....	8
HYOSCYAMINE, Hydrob'mate, 5 gr tu's, ea.....	35	" Succinate, oz.....	30	" Chloride 1/4 lb.....	10
" Hydriodate, " each.....	35	" Sulph, Exsic, lb.....	12	" free from Sulphur, oz.....	5
" Hydrochlor, " each.....	35	" " Pure, lb.....	10	LINIMENT, Aconite, pt.....	1 10
" Sulph Amorphous, grains.....	35	" Sulphate, Extra Pure, lb.....	35	" Belladonna, pt.....	1 10
HYPNONE, oz.....	1 25	" Sulphocarb, oz.....	20	" Camph. Co., pt.....	75
IATROL, oz.....	1 50	" Sulphocyanide, oz.....	30	" Cantharides, oz.....	12
ICHTHALBIN, oz.....	1 00	" Sulphuret, lb.....	16	" Chloroform, oz.....	5
ICTHARGAN, 10 gramme pkcts., each.....	1 75	" Tannate, oz.....	25	" Croton, oz.....	10
ICTHYFORM, oz.....	1 40	" Tart and Potash, oz.....	10	" Iodine, oz.....	12
ICTHYVOL, oz.....	35	" Valerianate, oz.....	25	" Opil, oz.....	5
" Sodium, oz.....	60	" Wire, fine, lb.....	50	" Pot. Iodide, oz.....	10
INGLUVIN, oz.....	1 25	" Sulphide Lumps, lb.....	20	" Saponis Co., pt.....	50
INSECT POWDER, lb.....	30	" " Sticks, lb.....	25	" Sinapis Co., pt.....	2 50
INCENSE, lb.....	45	ISINGLASS, American Fish, oz.....	10	" Terebinth, pt.....	50
IODINE Bromide, oz.....	75				

LINIMENT, Terebinth Acet., pt.	\$ 55	MANGANESE, Oxide, Black, pure, lb.	\$ 50	NARCEINE, Hydrochlor, 1/4 oz., ea.	\$ 2 50
LIQUORICE, Paste, lb.	25	" " Black, granular, lb.	10	NARCOTINE, 1/2 oz., ea.	40
" Powd. Extract, lb.	35	" Peptonized, oz.	35	NEURODIN, 25 grammes, ea.	2 00
" Solazzi, lb.	50	" Peroxide, oz.	15	NICKEL, Metal, oz.	15
" V & S Sticks, 6 to pound, lb.	30	" Phosphate, cz.	30	" Bromide, oz.	25
" " Acme Pellets, 5 lb tins.	2 00	" Phosphite, cz.	15	" Carbonate, oz.	15
LIQUOR, Ammon. Acet., lb.	30	" Sulphate, oz.	12	" Chloride, oz.	20
" " Citras. Fort., lb.	50	" Sulphite, oz.	40	" Iodide, oz.	85
" Antim. Perchlor, lb.	17	MANGANOUS Chlorate, oz.	45	" Nitrate, oz.	15
" Arsenici Hydrochlor., lb.	20	MANGANOUS Sulphate, 1/2 oz.	35	" Oxide, cz.	15
" Arsenicalis, lb.	12	MANNA, (z.)	10	" Salt, lb.	25
" Atropia Sulph., cz.	20	MANNIT, oz.	15	" Sheet, oz.	10
" Bismuth, lb.	45	MEDULLADEN, 25 grammes ea.	4 00	" Sulphate, cz.	40
" Camphor Co. for B.P. Tincture. lb.	1 30	MENTHOL, oz.	25	NITRO BENZENE, cz.	20
" Carbo Detergens, lb.	50	MENTHONAL, cz.	20	NOSOPHEN, oz.	1 75
" Donovani, lb.	25	MERCAPTOIOL, oz.	25	NUX VOMICA, powd., lb.	18
" Ferri, Acetas Fort., lb.	65	MERCURO-iodo HEMOL, cz.	1 52	NYLANDERS, Reagent, lb.	1 00
" " Iodide, lb.	2 40	MERCUR-THYMOL, Acetate, (z.)	75	OIL, Amber, crude, lb.	40
" " Perchlor Fort., lb.	12	MERCURIC, Nitrate, pure, (z.)	25	" " rectified, lb.	50
" " Pernit, lb.	20	MERCURIUS, Nitrate, oz.	25	" Amygdal Amara, pure, cz.	00
" " Persulph, lb.	20	" Sulphate, oz.	20	" " artificial, oz.	10
" " Phos., lb.	80	MERCURY, lb.	85	" " Persic, cz.	45
" Hydrarg Perchlor, lb.	30	" Acetate, oz.	35	" " Dulz, lb.	40
" " Nit. Acid, lb.	1 00	" Bichloride (Corrosive Sublimate), lb.	1 00	" Angelica, oz.	1 20
" Plumbi, Acetas, lb.	12	" " Pulv., lb.	1 25	" Aniline, oz.	10
" Potassac, lb.	15	" Biniodide, oz.	40	" Anise, oz.	20
" Santal Flav. Co., lb.	1 50	" Bisulphate, cz.	10	" Apple, oz.	55
" Soda Chlor., lb.	15	" Bromide, oz.	60	" Banana, oz.	10
" Soda Ethylate, oz.	25	" With Chalk, oz.	5	" Bays Green, (z.)	5
" Strychnine, lb.	40	MERCURY, Chloride and Soda (Cal-mel) lb.	1 10	" Bay Rum, oz.	35
" Zinci Chlor., lb.	60	" Chlor. Ammon (White Precip.), cz.	10	" Brandy, see Cognac.	
" Acetate, oz.	55	" Cyanide, oz.	60	" Bergamot, oz.	30
" Benzoate, oz.	25	" Gallate, oz.	40	" Cade, oz.	5
" Bromide, oz.	30	" Iodo Chloride, cz.	35	" Cajeput, oz.	12
LITHIA, Carbonate, oz.	30	" Iodo Viride, cz.	30	" Camphor, lb.	25
" Chlorate, oz.	40	" Nitrate Cryst., cz.	15	" Capsicum, oz.	00
" Chloride, cz.	40	" Nitric Oxide (Red Precip.), lb.	1 10	" Caraway, oz.	25
" Citrate, oz.	20	" Oleate, 10%, oz.	5	" Cassia, oz.	15
" Glycerinophos, oz.	1 00	" " 20%, oz.	10	" Castor, English 1sts, lb.	10
" Iodide, oz.	75	" " Wuh Morphia, oz.	20	" " 2nds, lb.	9
" Metal (15 grain bottles), each	1 5	" " B.P., 1898, oz.	10	" " Pharmaceutical, lb.	13 1/2
" Nitrate, oz.	50	" Oxide Flav., oz.	10	" " Italian, lb.	20
" Salicylate, oz.	25	" Oxychloride, oz.	10	" " French, lb.	15 1/2
" Tartrate, oz.	75	" Oxycyanuret, oz.	55	" Cedar, pure, lb.	85
LITMUS, Granular, lb.	60	" Salicylate, oz.	40	" Cedar, No. 2, lb.	55
LITMUS, Cubes, lb.	40	" Sulph. Flav. (Turpeth Mineral), oz.	10	" " Wood, lb.	50
LORETIN (25 grammes), each.	60	" " With Sulph. (Ethiops Mio'l), oz.	10	" Cedar, oz.	00
LOSOPHEN (25 grammes), each.	2 00	" Sulphate bi., oz.	25	" Cedri Ligni for Microscopy, oz.	50
LUPULIN, oz.	10	" Sulphocyanide, oz.	30	" Celery, oz.	1 00
LYCOPODIUM, lb.	1 25	" Tannate, oz.	25	" Chaulmogra, oz.	10
LYCETOL, cz.	3 25	MESOTAN, oz.	75	" Chamomile, oz.	1 50
LYSIDINE (25 grammes), each.	2 00	METHACETIN, oz.	1 50	" Cinnamon, True, oz.	1 00
LYSOL, 1 kilo, each.	1 20	METHYLAL, oz.	1 35	" Citronella, Coml, lb.	65
" 1/2 " each.	65	METHYLENE, Bichloride, oz.	65	" " Opt., oz.	10
" 1/4 " each.	35	" Iodide, oz.	2 00	" Cloves, lb.	15
" 100 grammes, each.	20	METOL, oz.	70	" Coconut, lb.	20
MAGNESIUM, Acetate, oz.	10	MICROCOSMIC SALTS, oz.	10	" Cod Liver, N.F., gal.	1 25
" Ammonia Phosphate, oz.	20	MIGRAENIN, 25 grammes, ea.	1 50	" " Norway, g.l.	1 75
" Borocitrate, oz.	10	MILK SUGAR, lb.	27	" Cognac, Green, oz.	1 75
" Bromide, oz.	25	MISTURA, Ferri Co., lb.	30	" " White, oz.	5 50
" Carb. (ounces), lb.	20	" Glycophaga Co. (U.S.P.), lb.	50	" Cologne, oz.	80
" " (ponderous), lb.	45	MORPHIA, Alkaloid, oz.	3 50	" Copaiba, oz.	10
" " (powdered), lb.	20	" Acetate, oz.	2 05	" Coriander, oz.	75
" Calcined, lb.	50	" Bromide, oz.	3 50	" Cotton Seed, gall.	80
" " (ponderous), lb.	1 00	" Hydrobromate, oz.	3 50	" Croton, cz.	15
" Chloride, oz.	5	" Meconate, oz.	3 60	" Cubeb, oz.	15
" Citrate, lb.	30	" Muriate, oz.	2 05	" " Oleo Resin, oz.	25
" Glycerophosphate, oz.	50	" Phthalate, oz.	6 00	" Cumin, oz.	40
" Hypophosphite, oz.	30	" Sulphate, oz.	2 00	" Dill, cz.	30
" Iodide, oz.	80	" Tartrate, oz.	3 50	" Erigeron, oz.	20
" Nitrate, oz.	15	" Valeriana'e, oz.	4 50	" Eucalyptus, cz.	10
" Oxide, oz.	10	MOLLIN, 1/2 kilo tins, ea.	1 00	" Fennel, oz.	20
" Phosphate, oz.	20	MONOCHLOROPHENOL, oz.	60	" Fusel, pt.	80
" Powdered, oz.	40	MORRHUOL, see Gadual.		" Geranii Rose, Opt., cz.	2 00
" Ribbon, oz.	60	MOSS, Iceland, lb.	15	" " " True, cz.	1 50
" Salicylate, oz.	30	" Irish, lb.	12	" " " Turkish, oz.	50
" Sulphate, C. P. dried, lb.	35	" " bleached, lb.	20	" Gin, oz.	1 00
" " Commercial, lb.	3	MULBERRY JUICE, oz.	10	" Golden Rod cz.	50
" Sulphite, cz.	25	MUSK, Canton, oz.	1 50	" Goose, lb.	60
" Sulphocarb., oz.	25	" Pure grain, grain	10	" Hemlock, pure, lb.	90
" Wire, oz.	60	MYDRINE, 1 grain bots, grain.	60	" " No. 2, lb.	40
MALAKIN, oz.	1 50	MYRTOL, oz.	1 50	" Jasmine, oz.	25
MALLEIN (5 gramme tubes), each.	1 25	NAPHA, Mineral, pt.	30	" Juniper Berries, oz.	12
MALTOSE, oz.	90	" Wood, pt.	85	" " Wood, lb.	60
MANGANESE, Borate. (z.)	20	" C.P., Pulv., oz.	15	" Lavender, English. cz.	90
" Bromide, oz.	60	" Balls, lb.	6	" " Exotic, cz.	12
" Carbonate, cz.	25	" Crystals, lb.	7	" " French, oz.	30
" Chloride, oz.	20	" Recryst. Medicinal, cz.	10	" " Garden, cz.	5
" Citrate, oz.	40	NAPHTHOL, Alpha, Recryst., Medicinal, oz.	25	" Lemon, Opt., lb.	1 25
" Hypophos, oz.	20	" Beta, Recryst., Medicinal, oz.	12	" " No. 2, lb.	90
" Iodide, oz.	1 00	" Beta, Benzoate, oz.	35	" " Grass, oz.	35
" Metal, oz.	30	NARCEINE, Pure Cryst, 1/8 oz., ea.	1 50	" Linseed, Boiled, gall.	68
" Oxide, pure heavy, oz.	15			" " Raw, gall.	64
" " Commercial, lb.	6			" Mace, Essential, oz.	20

OIL, Mace, Expressed, oz.	\$ 12	OINTMENTS, Sulphur Compound, lb.	\$ 20	POTASSIUM, Arsenate, oz.	\$ 20
" Mullein, oz.	50	" Veratrine, lb.	2 00	" Arsenite, oz.	20
" Malefern, oz.	50	" Zinc Oxide, lb.	40	" Benzoate, oz.	30
" Magnet, oz.	75	OLEOCRESOTE, oz.	1 50	" Bicarb, lb.	15
" Mustard, Artificial, oz.	35	OLEO-RESIN Capsicum, oz.	1 00	" " Pulv., lb.	16
" " Essential, oz.	50	" " Malefern, oz.	25	" " C.P., Cryst., lb.	40
" Myrrhane, lb.	20	OPIUM, lb.	4 80	" Bichromate, lb.	12
" Neatsfoot, gall.	1 30	" Pulv., oz.	40	" " C.P., lb.	50
" Neroli, oz.	3 00	ORANGE PEEL.	13	" Bisulphate, lb.	50
" Nutmegs, oz.	25	" Ground.	15	" Bisulphite, lb.	75
" Olive, green, gall.	1 75	OREXIN, Basic, oz.	3 00	" Bitart, Pulv., lb.	27
" " yellow, gall.	1 50	" Tannate, oz.	2 50	" " C.P., lb.	75
" Orange, oz.	25	ORTHOFORM, oz.	1 35	" Borate, lb.	80
" Origanum, white, oz.	10	ORTOL, oz.	1 00	" Boro Tar rate, oz.	60
" " red, pure, lb.	65	OVARIN POWDER, oz.	3 00	" Bromide, lb.	35
" " No. 2, lb.	40	OXYMEL SQUILLS, lb.	30	" " C.P., oz.	10
" Palm, lb.	13	OXYSPARTEINE HYDROCHLORATE, 15 grain tube, ea.	65	" Carbonate, lb.	12
" Palma Rose, oz.	40	PALLADIUM, Chloride Cryst., 1 gramme bots., ea.	75	" " C.P., lb.	50
" Patchouli, oz.	1 00	" Chloride Dry, 15 grain bots, ea.	1 00	" Caustic, Purif. by Alcohol, lb.	85
" Pennyroyal, oz.	13	PANANALID, 4 oz. bottle for, ea.	1 00	" " Pure Sticks, lb.	55
" Pepper, black, oz.	65	PANCREATINE, Pure Active, oz.	30	" Chlorate, lb.	14
" " oleo resin, oz.	2 50	PAPAINE, Finkler, oz.	2 50	" " Pulv. lb.	16
" Peppermint, American, oz.	35	" Mercks, oz.	1 00	" " C.P., lb.	40
" " English, oz.	1 25	PARACETHENETIDINE, oz.	12	" Chloride, oz.	5
" " Todds, oz.	40	PARACHLORSALOL, oz.	1 00	" Chloroplatinate, 15 grain bots., ea.	75
" Petit, gran., oz.	75	PARACOTOIN, 15 grain bottle, ea.	35	" Chromate Yellow, C.P., oz.	10
" Petrolatum, gall.	1 50	PARAFORMALDEHYD, oz.	30	" Citrate, lb.	65
" Phosphorated, oz.	10	PARACRESOL, oz.	50	" " Eff Bishops, 1 lb. bot., ea.	1 00
" Pimento, oz.	35	PARALDEHYDE, oz.	16	" and Cobalt Nitrite, oz.	1 25
" Pine needles, oz.	20	PELLETIERINE, Sulphate, 15 grain bottle, ea.	1 65	" Cyanide, Concl, lb.	22
" Pinus, pumilion, oz.	35	" Tannate, 15 grain bottle, ea.	40	" " C.P., lb.	30
" " Sylvestris, oz.	15	PELLOTINE, Hydrochlor, 5 grain bot., ea.	6 25	" Ferric Cyanide, Pure Cryst., oz.	12
" Poppy, oz.	10	PENTAL, 10 gramme bottle, ea.	75	" Ferri " "	10
" Rangoon, pure, lb.	25	PEPSINE, Boudaults, oz.	1 40	" Ferro " "	10
" Rhodii, oz.	06	" Scale Pure Soluble, lb.	4 50	" Fluoride, Pure, oz.	20
" Rose, No. 2, 1/8th, ea.	80	" Pure Soluble Powder, oz.	25	" Glycerophosphate, oz.	35
" " virgin, 1/8th, ea.	1 00	PEPTONR, Meat Dry, oz.	30	" Hydrogen Sulphide, oz.	25
" Rosemary, opt., oz.	10	PEPPER, Long, lb.	40	" Hydroxide See Potass. Caustic.	
" " coml. lb.	65	PETROLATUM, Yellow, lb.	12	" Hypophos, oz.	12
" Rue, oz.	20	" White, lb.	15	" Iodide, lb.	4 60
" Rum, oz.	20	" Snowwhite, lb.	25	" " C.P., oz.	50
" Salad, pure, gall.	3 00	PHENACETINE, oz.	35	" And Mercury Iodide, oz.	80
" " patent, gall.	90	PHENAMID, Powd, oz.	1 10	" Metabisulphite, oz.	10
" Santal, opt., oz.	35	PHENOCOLL, Hydrochlorate, 5 grammes, ea.	35	" Metantimoniate, oz.	10
" " W.I. oz.	20	PHENALGINE, Capsules, oz.	1 40	" Nitrate, lb.	8
" " Pear's, oz.	40	" Powd, oz.	1 40	" " C.P., lb.	35
" " Allen's, oz.	35	" Tablets, oz.	1 40	" Nitrite, oz.	12
" Sassafras, lb.	1 00	PHENAZONE, oz.	25	" Oxalate Neutral, lb.	10
" Sassafras, Artificial, lb.	50	PHENOL, Bismuth, oz.	85	" Perchlorate, oz.	30
" Savin, oz.	15	" Chloride, oz.	40	" Permanganate, lb.	30
" Skunk, lb.	60	PHENOPHTALKIN, 1/8 oz. fu.	10	" " Large Crystals, pure, oz.	10
" Spearmint, oz.	50	PHENOSALYL, oz.	25	" Picrate, oz.	30
" Sperm, gal.	1 50	PHENYLHYDROXINE, Hydrochlor, oz.	50	" Phosphate, C.P., oz.	12
" Spike, Coml., lb.	35	PHILORGLUCIN, 1/8 oz., ea.	60	" Prussiate Red, Cryst., lb.	75
" " Fleur, oz.	1 50	" Vanillin, 1/8 oz., ea.	20	" " Red, Pulv., lb.	75
" Spruce, lb.	80	PHOSPHORUS, lb.	95	" " Yellow, Cryst, lb.	25
" St. Johnswort, lb.	50	" Pentachloride, oz.	50	" " Pulv., lb.	30
" Tansy, oz.	40	" Pentoxide, oz.	60	" Pyrophosphate, oz.	20
" Tar, lb.	10	" Red, oz.	10	" Pyrosulphite, See Metabisulphite.	
" " Birch, lb.	10	" Trichloride, oz.	55	" Salicylate, oz.	25
" Wine, oz.	20	PICROTOXIN, oz.	5 00	" Silicate, lb.	25
" Wintergreen, oz.	25	PILOCARPINE, Alkaloid, 5 grain bot., ea.	50	" And Soda Borotartate, oz.	20
" " Artificial, oz.	8	" Hydrobromate, 5 grain bottle, ea.	50	" and Soda Tartrate, C.P., Cryst., lb.	65
" Wormseed, oz.	25	" Muriate, " "	30	" Sulphate, Cryst., lb.	15
" Wormwood, oz.	40	" Nitrate, " "	30	" " Pulv., lb.	20
" Ylang Ylang, oz.	6 50	" Salicylate, " "	50	" " for fertilizing, lb.	6
OAKUM, lb.	12	" Sulphate, " "	50	" " C.P., Cryst., oz.	5
OIL CAKE, ground, lb.	2	" Tannate, " "	1 25	" " C.P., Powd., oz.	6
OINTMENTS, Belladonna, lb.	60	" Valerianate, " "	50	" Sulphite, lb.	50
" Blue, lb.	65	PIPE CLAY, in squares, lb.	6	" Sulphocarb, oz.	20
" Boracic Acid, lb.	50	PIPERAZINE, 1/2 oz., ea.	50	" Sulphocyanate, oz.	15
" Calamine, lb.	40	" Tablets, 10 only, 16 grains ea. in tube, tube	1 25	" Sulphocyanide, oz.	12
" Canthar, lb.	75	PIPFINE, oz.	1 50	" Sulphide, lb.	60
" Carbolic, lb.	40	PITCH, Black, lb.	5	" Sulphuret, lb.	25
" Cetaceum, lb.	60	" Burgundy, lb.	10	" Tartrate, lb.	70
" Conium, lb.	80	PLATINIC CHLORIDE, 5 per cent. sol. oz.	1 50	" Tellurate, 15 grain tub s, ea.	75
" Elder Flower, lb.	1 00	PLATINUM, Bichloride, 1/8 oz. bottle, ea.	2 25	PROPYLAMINE, oz.	60
" Gallae, lb.	35	" Chloride, 1/8 oz. bottle, ea.	2 25	" Chlor., oz.	2 50
" " Co., lb.	80	" Spongy, oz., pieces.	3 60	PROTARGOL, oz.	1 70
" Hyd. Ammon. Chlor., lb.	60	" and Barium Cyanide, 5 grain bots., each	50	PROTAN POWDER, oz.	50
" " Biniodide, lb.	75	" Foil, grain	9	PULVIS, Aloes Co., lb.	30
" " Compd, lb.	1 25	" Wire, grain	9	" Amygdal, lb.	60
" " Nitratis, lb.	35	PLUMBAGO, lb.	10	" Antimon Co., lb.	60
" " Oxide Flav, lb.	90	PODOPHYLLIN, oz.	36	" Aromatic or Cinnamon Co., lb.	75
" " Oxide Rub, lb.	50	POPPY HEADS, per 100.	1 00	" Creta Aromat., lb.	50
" Iodine, lb.	60	POTASSIUM, Pure, 1/2 oz., ea.	53	" " Camph., lb.	27
" " Compd, lb.	75	" Acetate, lb.	40	" " C Opil, lb.	75
" Iodoform, lb.	1 00	" " C.P., lb.	50	" For Mistura Creta, lb.	35
" Picis, lb.	45			" Ipecac Co., oz.	10
" Plumbi Acetas, lb.	45			" Jalap Co., oz.	5
" " Iodide, lb.	1 20			" Kino Co., oz.	10
" Resin, lb.	30			" Licorice Co., lb.	20
" Simplex, lb.	40			" Opii Co., oz.	10
" Sulphur, lb.	40			" Rhei Co., lb.	50

PULVIS, Scammony Co., oz	\$ 30	ROOT, Rhei, E.I., Pulv., lb.	\$ 1 00	SERUS, Wormseed, lb.	\$ 30
" Seidlitz, lb	20	" " Turkey(so called), lb.	3 00	SERIMI in sticks, oz.	2 50
" Tragacanth Co., lb	45	" " " Pulv., lb	3 10	SILVER, Bromide, oz.	2 00
" Thompson's Composition, lb.	25	" Sarsaparilla, Honduras, lb.	50	" Chloride, oz	1 00
PYALIN, Active, oz.	1 25	" " Mexican, lb.	30	" Citrate, oz	2 50
PUTTY POWDER, lb.	60	" Senega, lb	1 10	" Cyanide, oz	2 00
PYOKTANNIN, Blue, 10 grammes for.	80	" Serpentaria, lb.	65	" Iodide, oz.	2 00
" Yellow, 10 grammes for	80	" Snake Root, See Serpentaria.		" Nitrate, Cryst., oz	75
PYRAMIDON, oz.	3 25	" Sombul, lb	40	" " Fused, oz	90
PYROCATECHIN, oz.	60	" Spigelia, lb	35	" Oxide, oz	1 50
PYRIDIN, C.P., oz.	25	" Squills, white, lb.	12	" Precipitated, oz	3 50
PYRODIN, C.P., oz.	1 60	" " Pulv., lb.	35	" Sulphate, oz	1 50
PYROGALLOL, Bismuth, oz.	1 35	" Stone, lb	20	" Wire, oz	6 00
PYROLIGNINE, oz.	1 20	" Tormentilla, lb.	40	SNUFF, Copenhagen, lb.	1 40
PYROZONE, 3% doz.	5 50	" " Pulv., lb.	60	" Macc, lb	65
QUASSIA CHIPS, lb.	10	" Valerian, lb.	15	" Scotch, lb	65
QUASSIN, Cryst., C.P., 15 grain bot., ea.	2 25	" Veratrum Viride, lb.	25	" " Lorillards, lb	90
QUINALGEN, oz.	1 60	SACCHARINE, oz.	25	SOAP, Arsenical, lb	40
QUINAPIHOL, oz.	3 00	SAFFRON, American, oz	15	" Barilla Ash, lb	25
QUINIDINE, Pure, Cryst., oz	1 60	" Spanish, oz	1 00	" Castile, Cont'd, lb	17
QUINIODINE, Pure, Cryst., oz	30	SAL Acetosella, lb	20	" " Shell, lb	10
QUININE, Acetate, oz.	85	" Carlsbad Artificial, lb	15	" " Pulv., lb	18
" Alkaloid, oz	85	" Craborchard, lb	40	" Curd, lb.	25
" Arsenate, oz	85	" Epsom, lb	3	" Cocoaout, lb.	25
" Bisulphate, oz	65	" " Howard's, lb.	5	" Soft English, lb.	8
" Borate, oz	75	" Glauber, lb	2	" Viride, lb.	30
" Bromide, oz	65	" Nitre (Potash), Crystal, lb	8	" Whale Oil, lb	12
" Cadodylate, oz	2 00	" " Gran., lb	8	SODA, Acetate, lb.	20
" Citrate, oz.	70	" " (Soda) Crystal, lb	6	" " C.P., oz.	5
" Dihydrochlorate, oz.	1 25	" " Gran., lb.	6	" " Pure fused, oz	13
" Ferro Cyanide Hydro, oz	75	" Prunella, lb	20	" Aluminate, oz	25
" Glycerinophosphate, oz	1 60	" Rochelle, lb	26	" and Ammonia Phos. (Microcosmic	
" Hydrobromate, oz.	80	" Rochelle, Crystal, lb.	35	" Salts), lb.	85
" Hydrochlorate, oz	80	" Rock, lb.	2	" Arsenate, Pure dry, oz.	15
" Hydriodate, oz	75	" Soda, lb	2	" Arseniate, oz.	5
" Hypophosphite, oz.	1 00	SALICINE, oz.	50	" Arseniate, Pure Cryst., oz	10
" Iodide, oz.	57	SALIGENIN, 15 grain bots. each.	50	" Arsenite, Pure, oz	10
" And Iron Valerianate, oz.	1 00	SALOL, oz.	10	" Ash, lb	3
" Lactate, oz.	75	SALIPYRINE, oz.	35	" Benzoate, oz.	10
" Phosphate, oz.	75	SALOPHEN, oz.	1 20	" " from Benzoic acid, oz.	35
" Salicylate, oz	65	SANGUINARINE, Alkaloid, 5 grain bots.,		" Bicarb, lb.	4
" Sulphate, German, oz.	28	each	50	" " Chance's, lb.	10
" " Howards, oz.	34	" Nitrate, 5 grain bots., each	50	" " Crystals, lb.	40
" Tannate, oz	40	" Sulphate, 5 grain bots., each	50	" " Howard's, lb.	15
" And Urea Hydrochlorate, oz.	1 00	SANOFORM, oz.	1 00	" Bichromate, fused, oz	5
" Valerianate, oz.	75	SANTONINE, oz.	85	" Bisulphate, pure cryst., lb.	45
RESORCIN, oz.	20	SAPONIN, 1/2 oz. bot., each	15	" Bisulphite, lb.	30
" C.P., oz.	40	SCILLIPICRIN, 15 grain bots., each	35	" Pure dry, lb.	50
RHIGOLINE, lb	75	SCOPOLAMINE Hydrochlor, 5 grain bots.		" Bromide and Caffeine Citrate, lb	1 00
RICE FLOUR, lb	9	each	1 25	" Bromide Gran. lb	40
RODINAL, 3 oz. bottle for	50	SEEDS, Angelica, lb.	35	" Cadodylate, oz	1 30
ROOT, Aconite, lb.	25	" Anise, lb	10	" Carb. C.P. Cryst. lb	25
" Aconite, Pulv., lb	25	" " Pulv., lb.	12	" " C.P. Dried, lb.	35
" Alkanet, lb.	30	" " Star, lb	40	" Carbolate, oz	25
" Angelica, lb	30	" Annatto, lb	16	" Caustic, lb	6
" Arnica, lb	30	" Burdock, lb	30	" " Gran., lb	10
" Belladonna, lb	20	" Canary, lb	10	" " C.P. Sticks, lb.	60
" " Powd., lb.	30	" Cardamon, Decort., lb	70	" " " Pure by Alcohol lb.	85
" Blood, lb	20	" " Malabar, lb	90	" Chlorate, lb	10
" " Pulv., lb	25	" " Pulv., lb.	90	" Chloride, pure, oz	12
" Burdock, lb	20	" Carraway, lb	12	" Choleate, oz	20
" " cut, lb	21	" " Pulv., lb.	15	" Cinnamate, 1/2 oz. each	20
" Calamus, lb	50	" Celery, lb	15	" Citrate, lb	90
" Colchici, lb	20	" Colchici, lb	65	" Dithio Salicylate Beta, oz	1 25
" Columba, lb.	15	" " Pulv., lb.	80	" Ethylate, Dry, oz	1 00
" Curcuma, Pulv., lb	15	" Conium, lb	30	" " Solution, oz	25
" Dandelion, lb.	15	" Coriander, lb	18	" " Richardson's, oz	75
" Dock, Yellow lb.	1	" " Pulv., lb.	20	" Fermate, oz	40
" Elecampene, lb	16	" Croton, lb	25	" Glycerinophosphate, oz	35
" " Pulv., lb	25	" Cumin, lb.	20	" Hypochlorite Solution, oz	10
" Galangal, lb	10	" " Pulv., lb.	25	" Hypophosphite, oz	10
" Gentian, lb.	15	" Dill, lb.	20	" " C.P., oz	50
" " Pulv., lb	10	" Fenocl, lb	15	" Hyposulphite, lb	4
" Ginseng, oz.	55	" " Pulv., lb.	20	" Iodide, oz	45
" Golden Seal, whole, lb	2 00	" Flax, lb	4	" Lactate Syr., oz	35
" " powdered, lb	2 52	" " Pure ground, lb.	4 1/2	" Meconate, oz	2 25
" Hellebore, White, Pulv., lb	16	" Foenugreek, Pulv.	7	" Naptbolate, oz	75
" Ipecac, oz.	20	" Hemp, lb	6	" Nitrate Crude, lb	5
" Jalap, lb	30	" Hyoscyamus, lb	50	" " Pure Cryst., oz	5
" " Pulv., lb.	40	" Hyssop, lb.	35	" Nitro-prusside, oz.	1 00
" Leptandrin, lb.	30	" Jambul, oz	15	" Nitrite, lb.	60
" Licorice, Extra Select, lb.	12	" Lobelia, lb.	75	" " C.P. Sticks, oz	55
" " small sticks, lb.	18	" Maw, lb	20	" Oxalate, oz	02
" " Pulv., lb	13	" Mustard, white, lb	10	" Paracresote, oz	71
" Mandrake, lb.	20	" Pumpkin, lb	30	" Permaaganate, oz	10
" " Gr'd, lb	22	" Quince, lb	60	" Phosphate Gran., lb	10
" Marshmallow, lb	40	" Kape, lb	6	" Phosphate, Pure, lb.	20
" Orris, lb	20	" Sabadilla, lb	30	" " C.P. Cryst., lb	35
" " Pulv., lb.	30	" " Pulv., lb	35	" " C.P. Pulv., lb	40
" Pareira Brava, lb.	20	" Stavesacre, lb	35	" " Dry, lb.	55
" Pleurisy, lb.	20	" " Pulv., lb.	54	" Phesphite, oz.	40
" Pyrethrum, lb.	35	" Stramonium, lb	30	" Phosphomolybdate, cz.	20
" Rhatany, lb	50	" Strophanthus, oz.	10	" Pyrophosphate, lb.	90
" Rhei, E.I., lb.	60	" Sunflower, lb.	16	" " Pure, oz	10

SODA, Salicylate, lb.	\$ 60	STRYCHNINE, Glycerophosphate, oz. ..	\$3 20	UROTROPIN, Scherings, cz.	\$ 80
" " Natural, oz.	95	" Hydrobromate, 1/8 oz. for.	35	VALIDOL, 25 grammes each	1 50
" Santoninate, oz.	80	" Hydrochlorate, "	25	VANILLINE, oz.	90
" Silicate, lb.	6	" Hypophos., "	40	VERATRIA, pure, 1/8th oz. for.	40
" Silicofluoride, oz.	35	" Nitrate, "	25	VERDIGRIS, Balls, lb.	25
" Succinate, oz.	20	" Phosphate, "	20	" Pulverized, lb.	30
" Sulphate Com'l, see Sal Glauber ..		" Salicylate, "	25	VERONAL, oz.	2 00
" " C.P. Cryst., lb.	25	" Sulphate, oz.	75	VINEGAR, Cantharides, lb.	60
" " C.P. Dried, lb.	35	" Valerianate, 1/8 oz. for.	75	" Squills, lb.	10
" Sulphite Cryst. or Granulated, lb. ..	7	STYPTICIN, 15 grain bot., ea.	30	WATER, Anise, lb.	10
" " C.P., lb.	35	STYRONE, Liq., oz.	1 50	" Camphor, lb.	10
" " Dried C.P., lb.	50	SUCCUS CONIUM, lb.	75	" Cherry Laurel, lb.	25
" " Pure Recryst., oz.	25	SUCROL, oz.	1 25	" Chlorine, lb.	10
" Sulphocarb, oz.	10	SULFONAL, oz.	30	" Cinnamon, lb.	8
" Sulphosalicylate, oz.	65	SULPHAMINOL, oz.	2 00	" Dill, lb.	10
" Sulphovinate, oz.	12	SULPHUR, Chloride, oz.	30	" Distilled, gal.	10
" Tannate, oz.	20	" Iodide, oz.	50	" Elderflower, lb.	30
" Tartrate, C.P., oz.	55	" Precipitated, lb.	12	" Fennel, lb.	10
" Neutral, oz.	15	" " opt., lb.	20	" Lime, pt.	7
" Tellurate, 15 grains for.	25	" Powdered, lb.	3	" Orange Flower, lb.	25
" Tetroborate, oz.	50	" Sublimed, lb.	4	" Peppermint, lb.	20
" Thiosulphate, see Hyposulphite ..		" " extra, lb.	4 1/2	" Rose, lb.	25
" Tungstate, lb.	55	" Roll, lb.	3	WAX, Bayberry, lb.	40
" " C.P., oz.	10	" Vivum, lb.	6	" Brazil or Carnauba, lb.	70
" Uranate, oz.	40	SYMPHORAL, 25 grammes for.	2 50	" Ceracine, lb.	30
" Valerianate, oz.	45	TAMARINDS, lb.	10	" Japan, lb.	30
SODIUM, Metal, 1/2 oz. bots., each.	18	TANNALBIN, oz.	65	" Paraffin Sterilized, 25 gramme pack-	
" Acetic Theocin, oz.	3 25	TANNIGEN, oz.	85	ages, ea.	65
" Fluoride, oz.	20	TANNOFORM, oz.	50	" Paraffine, lb.	20
" Glycollate, oz.	2 00	TANNOPINE, oz.	80	" White, No. 1, lb.	70
" Iodide, oz.	40	TAR, Barbadoes, lb.	15	" " No. 2, lb.	50
" Sulphohydrate, oz.	30	" Stockholm, lb.	15	" Yellow (Beeswax), lb.	45
SOLANINE, 15 grain bot., each.	2 25	TARTARUS BORASCATUS, 1/2 z.	20	WINE, Aloes B.P., lb.	60
SOLUTION Clemens (Arsenic B oxide) lb.	50	TEREBENE, oz.	10	" Antimony, lb.	35
" Dobbell's, lb.	20	TERPIN, Hydrate, oz.	10	" Colchici. Rad., lb.	50
" Fehlings No. 1, oz.	5	" Peroxide, oz.	1 00	" " Sem., lb.	50
" Fehlings No. 2, oz.	10	TERPINOL, Liquid, oz.	40	" Ergot, lb.	50
" Hydrarg Bichlor, lb.	65	TETRATHYL, Ammonium Hydroxide,		" Ipecac, lb.	60
" Nitroglycerine, 1 per cent., oz.	15	1/2 oz for.	1 50	" Iron, lb.	40
" 10 per cent., oz.	20	TETRONAL, 25 grammes for.	3 50	" " Citrate, lb.	50
" 25 per cent., oz.	35	THALLINE, Sulphate, oz.	3 60	" Opium, lb.	90
" Potash Hydrosulphide, lb.	40	" Tartrate, oz.	3 25	" Orange, lb.	25
" Platinate, oz.	15	THEOBROMINE, oz.	55	XYLOL, oz.	5
" Soda Hypochlorate, oz.	25	" Salicylate, oz., ...	15	VOHIMBINE, Crystal (3 grain tubes), each	1 50
" Vlemmicks (Calcium Sulphide), Wr	65	THEOBROMINE, and Soda Salicylate, oz. ..	90	" Tablets (tubes of 10), each	90
" Normal Volumetric Acid Hydro-		THERMODIN, 25 grammes for.	2 00	ZINC, Acetate, pure, oz.	10
chlor, Wr.	2 25	THERMOL, oz.	1 00	" Benzoate, oz.	25
" " Sulph., Wr.	2 25	THIOCOL, oz.	1 40	" Bromide, oz.	35
" " Potash, Wr.	2 25	THIOFORM, oz.	75	" Carbolate, oz.	40
SOMATOSE, oz.	57	THIOCIAN, oz.	3 60	" Carboate, lb.	30
" and Iron, oz.	60	THIOL, oz.	50	" " Precip., oz.	10
SOMNAL, oz.	65	THIOSINAMINE, oz.	90	" Chlorate Fused, oz.	15
SOV, Indian, gal.	75	THORIUM, Nitrate, oz.	50	" Chloride, Fused, oz.	12
SOZIODOI, Mercury.	1 75	THYMOL, oz.	30	" " Granul., oz.	12
" Potassium, oz.	1 25	THYRADIN, 25 grammes for.	1 30	" Cyanide, oz.	12
" Sodium, oz.	1 00	THYROIDINE, oz.	1 25	" Ferrocyanide, oz.	15
" Zinc, oz.	1 60	THYROIDIN, 25 grammes for.	1 25	" Foil, oz.	20
SPARTEIN, Sulphate, 1/2 oz. bot., ea.	25	TIN, Metal Sticks, (z.	10	" Granulated, lb.	15
SPIERMACEIN, lb.	55	" Granulates, lb.	1 00	" " free from Arsenic, oz.	6
SPIRITS, Ammon. Aromat., lb.	65	TITANUM, oz.	75	" Hypophosphite, oz.	65
SPIRITS, Camphor, pt.	85	TOLUENE, lb.	60	" Iodide, oz.	65
" Chloroform, lb.	65	TOW, lb.	30	" Lactate, oz.	15
STANNOUS Chloride, C.P., oz.	15	TOW, Carbolated, lb.	40	" Metal, pure, oz.	10
" Nitrate, (solution) oz.	30	" Styptic, lb.	35	" Nitrate, pure, oz.	15
" Sulphate, oz.	20	TRIBROMOPHENOL, oz.	1 60	" Oleate, oz.	5
STANNIC, Chlorate C.P., oz.	25	" Bismuth, oz.	65	" Oxide, lb.	15
" Sulphate, oz.	40	TRIETHYLATE, oz.	60	" " Pure, lb.	20
STARCH, Iodized, oz.	30	TRIFERRIN, oz.	1 20	" " Hubbard's, lb.	60
" Powd., lb.	8	TRIKRESOL, oz.	15	" " Dry process, lb.	30
STEARINE, lb.	70	TRIMETHYLAMINE, oz.	55	" Permanganate, oz.	60
STOVAIN, 25 gramme package, ea.	1 75	TRIONAL, oz.	1 20	" Phosphate, oz.	15
STRONTIA, Acetate, oz.	30	TRIPHENIN, oz.	65	" Phosphide, oz.	30
" Bromide, oz.	12	TROPACOCAINE, 5 grains for.	20	" Salicylate, oz.	30
" Chlorate, oz.	20	TUMENOL, 25 grammes for.	55	Stearate, oz.	25
" Chloride, oz.	20	TURPENTINE, Chian, oz.	40	" " Comp., oz.	50
" Iodide, oz.	50	" Venice, lb.	12	" " With Aristol, oz.	3 00
" Lactate, oz.	15	UNGUNTUM, Crede, oz.	1 20	" " With Ichthyol, oz.	80
" Muriate, oz.	5	URANIUM, Acetate, oz.	1 00	" Sulphate, pure, lb.	15
" Nitrate, lb.	20	" and Ammon. fluoride, oz.	1 50	" " C.P. Cryst., lb.	20
" " dry, lb.	25	" Chloride, oz.	00	" " C.P. Gran., lb.	25
" Oxalate, oz.	10	" Iodide, oz.	75	" " C.P. Dried, lb.	50
" Oxide Caustic Cryst., pure, oz.	10	" Nitrate, oz.	50	" Sulphide, pure, oz.	15
" Phosphate, oz.	20	" Oxide, oz.	55	" Sulphite, oz.	25
" Salicylate, oz.	20	" Sulphate, oz.	80	" Sulphocarb, oz.	10
" Sulphide, oz.	20	" Sulphocarb, lb.	80	" Sulphydrate, oz.	35
STROPANTHIN, oz.	2 00	UREA Crystals, pure, oz.	30	" Sulfuratum, oz.	12
STRYCHNINE, oz.	75	" Nitrate, oz.	45	" Tannate, oz.	10
" Acetate, oz.	2 00	URECIDIN, oz.	60	" Valerianate, pulv., cz.	25
" Arsenate, oz.	2 00	URETHANE, oz.	50	" " Cryst., oz.	30
" Arsenite, oz.	2 00	UROPTHERIN, Merck's, (see Formin)			
" Citrate, oz.	2 25	UROTROPIN, oz.	2 35		

The Canadian Druggist

VOL. XVII.

TORONTO, OCTOBER, 1905

No. 10

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER

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New advertisements or changes to be addressed

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Telephone, Main 3203

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THE DRUGGIST-OPTICIAN

The fact is now pretty thoroughly established that many ailments particularly those which are attributed to the "nerves" are the direct result of eye-strain, impaired vision or some other affection of the optic nerve. In the treatment of any eye trouble the wisest plan undoubtedly is to at once consult an oculist who having made a study of this special department of medico-surgery is the one who is most competent to treat all such cases intelligently and for patients where spectacles are deemed necessary to prescribe the required lenses.

In filling a prescription or having the proper lenses prepared it goes without saying that more than ordinary care is required, and a degree of intelligence combined with some knowledge of anatomy as well as the use of drugs is a decided help.

This applies to cases where the need of an oculist is apparent, but in the majority of cases a skilful optician can do all that is needed to remedy impaired vision.

The man who has had his careful training as a pharmacist, with a knowledge of the action of drugs, and who has taken a thorough course of instruction in optics is certainly more capable of "fitting glasses" than is the mechanic, no matter how skilful he may be in his own vocation, and the public have more confidence and justifi-

ably so, in the careful work of the druggist-optician than that of the jeweler, or any other class of dealers whose training has been along other lines.

This portion of the business of the chemist and druggist has proved to be not only one of the strongest features in building up business through the successful fitting of spectacles, and thus inspiring still greater confidence in the skill and reliability of the druggist, but it is one which admits of handsome profits if properly handled.

Numbers of druggists who have made a specialty of this work are getting splendid returns as a result of the time and attention given to it, and the number of druggist-opticians is increasing every day and we believe that if many of those who are not using this profitable adjunct to their business would take up the matter they would obtain ample justification by the increased revenue which would accrue not only from the actual sale of spectacles, etc., but also from the additional business which each new purchaser is bound to bring.

The fitting and sale of spectacles, eye-glasses, etc., together with the other goods usually kept in an optician's stock, is one which is pre-eminently in keeping not only with the other lines of goods handled, but also in catering to and eliciting still further the confidence and good-will of the general public.

A REMARKABLE CHANCE

The retail druggist cannot afford to let his mind run constantly in the one channel and his leisure moments should be utilized in change of occupation, whether it be in sports to develop the body or reading of a miscellaneous character to inform the mind and give it a rest from the cares of business.

We are able to make an exceptional offer that should be accepted at once by every druggist in Canada.

To every one remitting us one dollar for their subscription to The Canadian Druggist we will mail The Cosmopolitan Magazine free for twelve months.

Or we have another proposition. To anyone mailing us \$2.50 we will mail The Canadian

Druggist, The Cosmopolitan Magazine and The Review of Reviews for twelve months. The regular subscription price would be \$5.00, just double the money.

Or still another offer. We will mail the three publications named above, and in addition The Woman's Home Companion for a total of \$3.00, thus enabling the druggist's wife to have a journal of her own at a minimum of cost. These four in the ordinary way would cost you \$6.00.

Why do we offer this? Because the Post Office Department says that trade paper publishers in future must not furnish complimentary copies of their publications as has been done in the past, so that all must be paid subscribers. In order to pay our subscribers for the trouble and expense incurred in sending us the money order for the subscription we make these handsome offers which are only open for acceptance for a short time. Let us hear from you at once.

Paid up subscribers will have their subscriptions extended if they wish to accept any of these offers.

See the special offer on page 465 of this issue and act promptly if you would secure choice reading matter at a marvellously low price.

LAPSES

Many business men do not pay enough attention to holding the customers that they have already secured. Their energies are devoted to getting new people into the store all the time, and when that is accomplished they consider their advertising effort well ended. It is just as necessary to advertise to a customer as it is to a prospective customer. As it is in life insurance, so it is in business generally. "Lapses" are a great drain on a business.

PRESENTATION

Mr. F. L. Benedict, on relinquishing the position of Secretary of the Leeming-Miles Company, Limited, wholesale druggists, Montreal, Quebec, which he has occupied for a considerable length of time, was presented with a handsome gold watch and an address by the management and the employees of the firm. The presentation took place in the main office of the company and Mr. Henry Miles, in making the presentation, referred to the capabilities of Mr. Benedict, as secretary of the firm. The company, he said, was sorry to lose the services of such a valuable employee, but, as Mr. Benedict was establishing himself in business he could rely on the best wishes of the company for his future success in the mercantile world.

Mr. Benedict made a snitable reply, intimating that it was with a certain amount of regret that he was leaving the company. He would always

think of his connection with the firm with pleasure and he heartily thanked those who had made him the recipient of such tangible evidence of their esteem.

ILLNESS OF DEAN HEEBNER

The severe accident which befell Prof. C. F. Heebner, Dean of the Ontario College of Pharmacy, through coming into collision with a vehicle while riding on his bicycle has proven to be a more serious one than was at first anticipated. The Dean has suffered not only from the nervous shock, but also from concussion of the brain, but we are glad to say that at the time of going to press his condition has somewhat improved.

"THE ART OF DISPENSING"

Of the value of a technical book that has already been sold to the extent of six large editions, and which is now in its seventh, it is unnecessary to speak. It may not be out of place, however, to call the attention of American pharmacists to the work and to inform them that this last edition brings the book thoroughly up-to-date. "The Art of Dispensing," since its first appearance in 1888, has been a standard authority in England and its colonies. A careful examination of the book shows that its reputation is well deserved. It treats plainly but thoroughly all the subjects connected with the dispensing department of a pharmacy, and it would be impossible to find a better book to keep in a convenient place as a work of reference.—Spatula.

"The Art of Dispensing" is sold by The Canadian Druggist. Price \$1.75 postpaid.

NEURONAL

Diethyl bromacetanilide has been introduced as a hypnotic under the name of neuronal. It is a white, crystalline powder with a bitter taste and a camphoraceous odor; m.p., 66-70 degrees C.; sparingly soluble in water, but soluble in alcohol and other organic solvents. When heated with caustic alkali solution, it is decomposed, forming hydrocyanic acid; on neutralizing the liquid with tartaric acid and distilling, the distillate gives reactions for this acid.—F. Zernik, Apoth. Zeit.

DRUGGISTS' PRINTING

Levy & Co., label makers, have recently moved into large, light and the most central premises in Canada, situated at 74-78 King Street West, 10 doors west of Bay Street, Toronto. They have recently added the most up-to-date machinery for the making of drug labels and supplies, such as boxes, powder papers, etc., etc. The above firm have been established for the past 14 years in this city, and they will be

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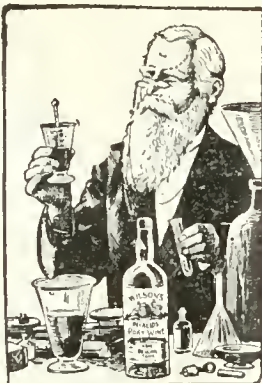
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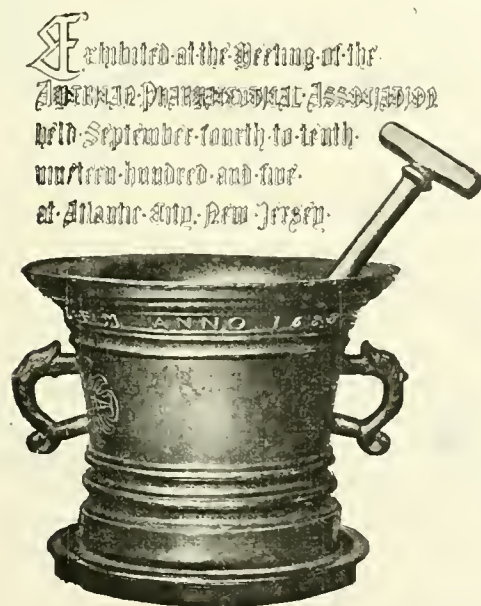
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The doctors of Sweden never send bills to their patients, says The Spatula. If you have occasion to call a physician you will find him not only skilful in his profession, but a highly educated and most honorable gentleman. You will also have another proof of the honesty of the Swedes, and their friendly confidence in each other. What you shall pay your physician is left entirely to your own choice. The rich pay him liberally, whether they have need of his services or not, if he has been once retained by them. The poor may pay him a small sum, and the very poor pay him nothing. Yet he visits the poor as faithfully as he does the rich.



MORTAR DESIGNED BY MARK
MCCOY, 1868.

BOTANICAL FIELD NOTES

Prof. G. Tester

A common herb growing by the wayside is the greater celandine, *chelidonium majus*, N.O. Papaveraceae. Its leaves are of the most delightful green color imaginable, with crenate margins. The flowers are insignificant, the inflorescence being in the form of an umbel. Petals 4, yellow, crumpled in the bud, and deciduous (falling off early). The fruit consists of a smooth, one celled, slender pod, with seeds attached to parietal placentas. This plant, like many of this order, has tissues permeated with laticiferous vessels, so

that whenever it is fractured, a bright yellow latex exudes, which stains the fingers when applied. The homoeopath uses this plant as a specific in jaundice and hepatic diseases. *Sanguinaria Canadensis*, bloodroot, is also found in shady places, but preferably near water. The broad white flowers have a golden centre, and possess from 8 to 12 petals. It is a stemless plant with a thick rhizome which gives off in early spring a single rounded 3 to 7 lobed leaf and a single, one-flowered scape. The latex is a bright red, said to be used by the Indians for war-paint. To this order belongs *papaver rhoeas* (cornpoppy) which has a gay scarlet corolla, with a dark centre. From its petals Syrup *Rhoedas* (Br. Ph.) is made. *Papaver somniferum* which is commonly seen in gardens produces a milky white latex, which is the source of opium. The fruit of the poppy is a capsule, the sessile stigmas being united to form a crown that fittingly surmounts the whole.

The pink family, N. O. Caryophyllaceae has a few plants that will interest us. The bladder campion or catchfly, *Silene inflata*, is so called on account of the 5 toothed calyx being inflated. The leaves are ovate lanceolate, and the number of styles three. *Lychnis vespertina* is the evening lychnis, whose dioecious flowers often open in the evening, when they diffuse around a pleasant perfume. The reason of this is found in the fact that insects fertilizing this plant only take their walks abroad at night-time. The plant is viscid and sticky to the touch. Number of styles, 5. *Laponaria officinalis* is the Bouncing Bet, a stout perennial with delicate clusters of crimson pink flowers in corymbs. Number of styles, 2. In each of these three flowers the sepals are united into a tube or cup, the petals (with their long, narrow claws) and stamens are borne on the stalk of the ovary.

In this family chickweed or starwort (*Stellaria*) is included, and, being so common, needs no description here.

A pretty little flower, growing in thick undergrowth is the pusley, or pink spring beauty (*claytonia virginica*). The leaves are linear lanceolate, and 3 to 6 inches long. The pink flowers consist of 5 petals, which are themselves delicately veined with a deeper pink. Sepals, 2; stamens, 5; the filaments tipped with scarlet anthers. This plant belongs to the Purslane family (N.O. Portulacaceae).

Malva Moschata, the musk mallow, is a plant with large, handsome, rose-colored or white flowers, freely sprinkled upon the stem and branches. It belongs to the mallow family, N.O. Malvaceae, in which the hollyhock (*altha rosea*) and the marshmallow are included. The decorticated roots of these plants abound in starch,

and are much prized for their farinaceous properties. The abutilon belongs to this family also. The striking feature in a malvaceous flower is the numerous monadelphous stamens, in which all the filaments have grown together. Their ends are free, however, so that each anther is separately supported.

A very common perennial plant to be seen in June is the wild cranesbill (N.O. Geraniaceae). The erect stem is hairy and about a foot high. Leaves palmately compound of 5 to 7 wedge-shaped divisions. The handsome purple flowers measure fully an inch across. The petals are bearded in the claw, and entire. Herb Robert, *Geranium Robertianum*, although not a perennial, belongs to this family, and grows in shaded ravines and moist woods. The flowers are magenta colored, and the stems ruddy. The plant has a strong odor. The word cranesbill or storksbill probably refers to the fruit, which has the appearance of a bird with a long bill.

The hawthorn (*Crataegus*) belongs to the N.O. Rosaceae, which also includes agrimony (*Agrimonia Eupatoria*), strawberry (*Fragaria vesca*), wild black cherry (*Prunus serotina*), choke cherry (*Prunus virginiana*). The hip is the fruit of the wild brier or English dogrose (*Rosa Canina*), and is used in the preparation of Confection of Hips.

I would advise all students doing field botany to secure a good flora, which is indispensable to successful work.

STEARNS' DIPHTHERITIC ANTITOXIN AND STREPTOLYTIC SERUM

Messrs. Frederick Stearns & Co., announce a reduction in prices of the above products, and at the same time have decided to withdraw the privilege of exchange which has heretofore been granted. The U. S. laws require that all serum must be dated eighteen months after its manufacture so that a limit of time be fixed in which it shall be used. Messrs. Stearns & Co. claim, however, that the results of tests prove that their serum has an assured potency for a further 18 months.

The change, we believe, is a move in the right direction, as the druggist need not suffer any loss from the fact that fresh serum may be obtained so quickly from any of the distributing points of the company, from Halifax to Vancouver, thus avoiding the necessity of carrying large stocks. With the reduction in the list price and the increased discount, which is now 10 per cent. to druggists, there should be no question as to the advantage gained by the change of policy.

A CORRECTION

In our last issue an editorial entitled "A Time for Prompt Action" was misleading, through the omission of a word, and which escaped the notice of the proof-reader. Where it reads "or else altogether handling those goods which have been placed on the market on this plan," it should have been, "or else cease altogether handling," etc.

One word makes a very material difference sometimes and in this case the omission made the meaning of the sentence exactly the reverse of what was intended.

MINARD'S LINIMENT PURCHASED BY A SYNDICATE

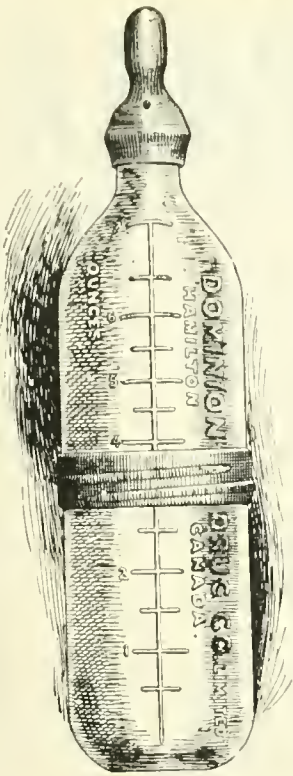
The Minard's Liniment Company, which manufactures the liniment of that name at Yarmouth, has been purchased and incorporated by a syndicate of Nova Scotia capitalists. The syndicate consists of George Stairs; R. E. Harris, President of the Nova Scotia Steel & Coal Company; W. M. Aitken, W. B. Ross, D. W. Robb and some Toronto men, a group who have been associated in various large enterprises in Nova Scotia. The idea is to extend the operations of the company to the Northwest. The factory will likely be retained at Yarmouth.

HENRY K. WAMPOLE CO.

As will be observed in the announcement made in our columns by this firm a new price contract form has been prepared and is being sent out to retail druggists for signature. Messrs. Wampole & Co. have been amongst the strongest adherents of the principle of "price-protection," and although their effort to compel a cut-rate house in Montreal to desist from selling their goods at less than regular prices, proved abortive through the ruling of a judge in that city who claimed that the plan used at that time was defective, yet notwithstanding this, they have now shown their determination to stand loyally by the retail trade in the new price contract agreement which they send out. It now remains with every retail druggist to attach his signature and return the agreement at once, thus showing their willingness to co-operate in a work which means so much to the trade in general throughout Canada.

SAL HEPATICA VS. NATURAL MINERAL WATERS

The superiority of Sal Hepatica over the natural mineral waters that are specially recommended in the Uric Acid Diathesis and the various forms of constipation is clearly shown by the following facts: By commingling lithium and



THE
"DOMINION"
FEEDER

The "DOMINION" FEEDER

— IS THE ONLY —

"TRUASEPTIC" FEEDER

It is made in two pieces, which can be instantly separated. Every part of the bottle can then be easily reached with the fingers, and thoroughly cleaned. The importance of this can be seen at a glance.

Mothers recognize the advantages of The "Dominion" Feeder instantly, and the sale is easily made.

PRICE: \$2.00 Per Dozen

Send us your order for a trial half dozen. Patented in Canada, United States and Great Britain, by

The **Dominion Drug Co.,**
HAMILTON, ONT. Limited

STANDARD

(E. W. Parker, Montreal)

High Wines and Alcohol

A Silent and Colorless Spirit
Suitable for all Purposes.

SELLING AGENTS: GILLESPIES & CO., Montreal



WALL PAPER

The "Staunton" Line for 1906 is so exceptionally attractive that to many a dealer the difficulty is to find room for all the good things he would like to buy.

Give us the opportunity to show samples before you place any order

STAUNTONS Limited
TORONTO

BEESWAX

Crude,
Refined
and
Bleached



For Sale By

W. H. Bowdlear & Co.

Importers, Boston.

SURGICAL GAUZES SPECIAL OFFER

WRITE US.

WE CAN CONVINCE YOU.

PLAIN, ABSORBENT, IODOFORM, SUBLIMATE,
CARBOLIZED, BORATED.

Originally manufactured by our own
people under the direct supervision of
SIR JOSEPH LISTER.

UNQUESTIONABLY BEST, INCIDENTALLY CHEAPEST.

The J. STEVENS & SON CO., Limited
145 Wellington St. W., Toronto

ALSO AT LONDON, ENG.,

AND WINNIPEG, MAN.

Australian SHEEP DIP AND CATTLE WASH NON-POISONOUS

Australia Sheep Dip Co., Sydney, Aus.

Sole Proprietors and Manufacturers.

AGENTS FOR CANADA :

KERRY, WATSON & CO.,
Montreal and London, Canada.

sodium phosphates in proper proportions with certain of the "Bitter Water" salts, as represented by Sal Hepatica, a compound is secured that is superlatively more active than either the lithium or sodium salt alone, or, indeed, than any natural mineral water or any combination that can be effected. Recognizing this, the most eminent practitioners latterly have taken to prescribing Sal Hepatica in preference to the natural waters, with the result that the remedial action of the latter is enhanced, the untoward manifestations accruing reduced to a minimum and their palatability materially increased.

Sal Hepatica is very effective in limiting and reducing the amount of uric acid formed within the circulation and excreted by the kidneys, and is very freely absorbed and taken into the blood and as rapidly (along with the chemical products formed) eliminated by the excretory ducts or organs as is readily demonstrated by its presence, after a brief course thereof in perspiration and urine, the latter more particularly being doubled or trebled as to quantity and rendered decidedly alkaline.

THE SUNDAY SALESMAN

An article which will no doubt prove of special interest to the readers of The Druggist has been recently put on the market by the R. S. Williams & Sons Co., Limited, of Toronto, under the name of "The Sundry Salesman." This Sundry Salesman is gotten up for merchants of all kinds who have an occasional call for musical supplies, but whose business is not sufficient for them to carry a large stock.

It is a small investment giving prompt and profitable returns.

The article itself is in a neat case divided into separate compartments and containing: 1 doz. guitar E steel strings, 1 doz. guitar B steel strings, 1 doz. guitar G steel strings, $\frac{1}{2}$ doz. guitar D steel strings, $\frac{1}{2}$ doz. guitar A steel strings, $\frac{1}{2}$ doz. guitar E steel strings, 1 doz. violin E steel strings, 1 doz. violin A steel strings, 1 doz. violin D steel strings, 1 doz. violin G steel strings, 1 doz. violin G gut strings, $\frac{1}{2}$ doz. auto-harp picks, $\frac{1}{4}$ doz. violin bow hair, $\frac{1}{4}$ doz. violin mutes, $\frac{1}{2}$ doz. violin rosin, 1 doz. violin bridges, 1 bundle violin E gut strings, $\frac{1}{2}$ bundle violin A gut strings, $\frac{1}{2}$ bundle violin D gut strings, $\frac{1}{2}$ doz. violin pegs, $\frac{1}{2}$ doz. violin pegs, better; 1-3 doz. violin tail-pieces.

Every article above mentioned is a ready seller and can be sold without any previous knowledge of the line.

The price list and full information are on the cover of the case. The outfit is arranged so as to make a very neat and attractive counter display.

Druggists who have been asked for articles of the above kind will no doubt appreciate the value that this is going to be to the trade.

We might also state that the R. S. Williams Co. have recently issued a magnificent catalogue of their goods which would prove of benefit to anybody interested in this line, and may be had for the asking.

BE ENTHUSIASTIC IN YOUR WORK

There never was nor never will be a business not susceptible of material improvement, provided a little more enthusiasm were injected into the personnel of the business, and there never was and never will be a business which will not bear a little more of enthusiastic energy.

There is a physical element in vim or energy. When people are exhausted physically their energy is apt to subside, but your truly enthusiastic person retains a certain amount of his characteristic quality under all circumstances.

Enthusiasm is a mighty good thing in business, so good that we do not know how it can be dispensed with, although given a good supply of that quality several other supposedly important qualities could be dispensed with, on a pinch.

SURMOUNTING DIFFICULTIES

The farmer who has a field covered with stumps and stones and does not remove them at the earliest possible opportunity will not reap the full benefit that he would otherwise get from the fertile soil. He is farming on wrong methods.

So it is in business. It is only a small percentage of those who enter on a business life who really succeed, because these see and realize the difficulties in the way and set themselves to surmount them by using the right methods. The rest make, perhaps, a good start, but, getting discouraged, give up the attempt, and leave others to reap the profit which is all the time latent in the soil.

MINERAL RESOURCES

MANGANESE

The extension of manganese production depends greatly on the development of steel manufacture, and as the Dominion is now making great strides in that direction, Canadian deposits of manganese will probably assume, before long, a much greater importance than heretofore.

Although Canada has not so far taken a very prominent place among the manganese-producing countries of the world the reason for this is not due to lack of deposits of the ores. The country has been exporting ores of this mineral for half

a century. These, so far, have come mainly from Nova Scotia and New Brunswick, but the mineral is also found in Quebec, Ontario and the western country.

In the Rainy Lake district manganese has been discovered associated with the iron ore deposits to the north of Gunflint Lake. An occurrence of this metal is described as follows by Mr. Connec, in the second report of the Ontario Bureau of Mines: "This range (iron ore) is near Sand Lake, four miles from the Port Arthur, Duluth and Western Railway. The deposit has been found to be a large one. A pit has been sunk about 15 feet, and as far as the pit has shown up the vein, it seems to be very much decomposed. The ore assayed 65½ per cent. of iron and carried also a good percentage of manganese. The manganese appears to be dispersed among the iron, but it also occurs in pockets; they have taken out small quantities of manganese almost pure."

Manganese is found in a honeycombed formation four or five feet thick, composed of clay and sand, without sulphur or lime, near the north fork of Willow Creek, in Assiniboia. Mr. Pearce, taking the deposit as a whole, has estimated that manganese would run 5 per cent.

Manganese is used by steel manufacturers for production of certain steels of great toughness used for stamp mill dies and shoes, crushing rolls, car wheels, etc.

SUCCESS AND FAILURE

WHY HE WAS A SUCCESS

1. He used his brain more than his tongue.
2. He kept his own counsel, and did not tell everyone his business.
3. He was affable to all his customers.
4. He emphasized his tact, rather than his talent.
5. He associated with the pure and good.
6. He put "vim" and "snap" into his work.
7. He paid cash, and never asked for credit.
8. He sold the best goods and therefore the cheapest.
9. He rose above ridicule, and lived down calumny.
10. He slept over a new idea, before he carried it out.
11. He was a man of integrity, and his word could be relied upon.
12. He was always neat in his personal appearance.

WHY HE WAS A FAILURE

1. His tongue wagged faster than his brain.
2. He confided in companions unworthy of trust.
3. He took offence easily, and was not above giving it.

4. He gave his passions and appetites "carte blanche."

5. His religion was only skin deep.

6. He put pleasure before duty.

7. His ignorance was such that he thought he knew everything.

8. He under-sold his competitor, and succeeded in cutting his own throat.

9. He oppressed the poor, and imposed on the rich.

10. He slandered his neighbor, and robbed him of his reputation.

11. He lost his self-respect, and let things drift.

12. He sold inferior goods, and had two prices. "Amicus."

HINTS TO BOOK-KEEPERS

Add it just once more!

It pays to take a balance of balances.

Better think about it at the time; some think about it at the end of the month.

Have you any systematic way of checking? Check as you post; it's easier and quicker.

Look for the exact amount of your error; you possibly overlooked it in posting.

Divide it by two and look for a debit on the credit side, or for a credit on the debit side.

If it's exactly divisible by 9, look out for a transposition, such as 18—81, 27—72, 36—63, etc. The number of times 9 is contained in the error will be the difference between the transposed digits. Illustration: Say 45 is the error; it contains 9 just five times; hence the transposed digits must have been 16 as 61, 27 as 72, 38 as 83, 49 as 94, etc.

Divide the error by 9 and again by 11 and you have a slide; such as \$10.00 posted as \$1,000. The error is 990; divide by 9 and you have 110; divide by 11 and you have the troublesome \$10.00.

Prevention is better than cure. Use good pens and ink. Remember that the books are firm property, and you are at liberty to reveal no secrets they may contain.

Don't be in a hurry to suggest new methods to the senior member of the firm. He is likely to think he knows more about his business than you do.

Have a place for everything; have everything in its place.

Be sure to put the books in the vault each night; you will never realize the value of this precaution until you've had a fire.

Study the needs of the business; plan special rulings to facilitate the handling of the business. Do not make many radical changes at a time.

If you make an error, carefully rule a line through it.

The Bole Drug Co.

**Wholesale
Druggists**

WINNIPEG, MAN.

We invite correspondence with parties
contemplating coming to the West to
engage in the Drug Business. Our
travellers cover the ground thoroughly
and we can give you valuable information.

**HENDERSON
BROS., Ltd.**

**WHOLESALE
DRUGGISTS**

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

Liquorice...

Our prices and a sample of "ELLIOT" Brand LIQUORICE will demonstrate to you that we are supplying a grade of highest quality at prices competing with inferior "filled" sweetened brands. Our brand is made specially for ourselves in Italy (Province of Catania.) Please let us quote prices and send sample.

Rock Candy Amber, White
and Pink
55 lb. cases.

"E. & Co." Druggists' Confectionery

85c. per bottle, 6 bottles at 80c. each.

**BLACK COUGH DROPS
MENTHOL COUGH DROPS**

18 lb. pails.

Rowntree's Jubes and Pastilles

4lb. boxes, 1/4 lb. boxes, and 5c. packages.

**Hot Drink Specialties, Heaters
and Premiums**

Vigoral, Bovril, Nutri-Ox, Asparox,
Tomato Bouillon, Beef Cordial,
(all kinds.)

The hot drink habit is growing.

**Condition
Powder**

A good live-stock tonic will be in large demand shortly. To make the most of your opportunities you should buy our "Canadian Cattle Spice" in bulk (a 100 lb. bag for \$4.00,) and sell it at your own price. We supply attractive circulars, and to help introduction sell sample packages holding about a quart each at 70c. doz. The formula is a select recipe, and all the ingredients are pure and prepared in our own mills.

Prompt despatch.

Special attention to letter orders.

**The ELLIOT & CO., Limited
TORONTO**

"The Arnold" Caustic Pencils

Wood Mounted—Price 60 cents per dozen.

LYMAN'S INHALERS—MENTHOL, EUCALYPTUS

1 doz. on Counter Show Card. Price 80c. doz. Retails at 10c.
Menthol in Aluminium Case. Price \$1.75 doz. Retails at 25c.

For Colds, Sore Throat, Headache, Hoarseness, Hay Fever and Catarrh

GOVERNMENT HOOF OINTMENT

25c.—For Scratches, Cuts, Bruises and Sores of all Kinds—25c.

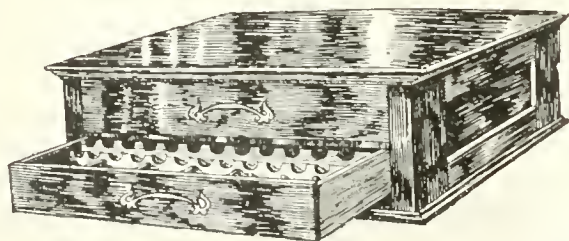
Put up in 1 lb. Decorated Tins at \$1.75 doz.—To the Trade.

THE LYMAN BROS. & CO., LIMITED

WHOLESALE DRUGGISTS

TORONTO

The Counter Label Cabinet



Is just the handiest thing that a Druggist can add to his Fixtures,

Every Label is held in its proper place in its own compartment and directly under your eye. Labels may readily be removed singly with one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a single drawer, which may be fitted into your counter, only \$9.00. The latter holds 3 doz. labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.
LONDON, CANADA

"A Great Convenience in the West"

Is a common remark made in reference to

Chandler & Fisher LIMITED WINNIPEG

Mail, Telephone and Telegraph Orders for

TRUSSES, CRUTCHES, SUPPORTERS,
BATTERIES, INVALID CHAIRS AND
INVALID RUBBER RINGS, URINALS,
BED PANS, ETC.

Receive Prompt Attention day or night.

Your Patronage Solicited.

W. K. C. FISHER, Vice-Pres. & Mgr.

Trade Notes

T. H. Levesque, druggist, Montreal Quebec, is dead.

T. B. Campbell is opening a drug store in Cobalt, Ontario.

F. R. Dayton, druggist, Newcastle, New Brunswick, is dead.

Higgs & Ward, druggists, Wetaskiwin, Alberta, have dissolved.

E. E. McPherson has opened a drug store at Wadena, Saskatchewan.

Holden & Co., manufacturing chemists, have registered at Montreal, Quebec.

J. D. Christmas has sold his drug business at St. Thomas, Ontario.

Terry & Marett are opening a drug store at Vancouver, B.C.

A. E. Clark has opened a drug store at Rosethorn, Saskatchewan.

Chambers Bros. have opened a store at Vancouver, British Columbia.

T. H. McCormick has purchased the Sandwich drug store, Sandwich, Ontario.

E. Aherns & Co. have purchased the drug business of L. L. Winn, Berlin, Ontario.

A. D. Tyrell has purchased the drug business of G. A. Shannan, Sparta, Ontario.

J. M. Spencer has purchased the drug business of T. L. Walton, London, Ontario.

W. Hughes has purchased the drug business of Dr. Preston, Carleton Place, Ontario.

G. H. Challies has purchased the drug business of William Bow, Winchester, Ontario.

G. F. McDowell has purchased the drug business of H. E. Eddy, Brantford, Ontario.

O. W. Wakelin, of Battleford, N.W.T., has removed to North Battleford, Saskatchewan.

E. J. Foster has purchased the drug business of M. A. V. Armstrong, Fordwich, Ontario.

W. H. Hewgill has purchased the drug business of W. L. Carley, Moosimin, Saskatchewan.

G. L. Belleau has purchased the drug business of Dr. P. A. Castonguay, Victoriaville, Quebec.

Higgs & Hyman have purchased the drug business of Higgs & Ward, Wetaskiwin, Alberta.

Lorne Shier, recently of Orillia, has purchased the drug business of Jas. Doan, Kingsville, Ontario.

W. M. Lamont has purchased the drug business of W. A. Vrooman, Portage La Prairie, Manitoba.

P. B. Willets & Co. have purchased the drug business of H. E. Wallis, Kelowna, British Columbia.

A. Robertson, of Arden, Manitoba, has opened a drug store at Canora, Saskatchewan.

Benj. McFayden has purchased the drug business of Chas. Dalton, Tignish, Prince Edward Island.

W. J. McFadden of Georgetown has purchased the drug business of T. Shier, Orillia, Ontario.

J. Lemp, Pharm. B., of Chicago, has purchased the drug business of J. Brawn, of Tavistock, Ontario.

Dr. S. J. Rumpth has purchased the College Street branch of E. R. Crane's drug business, Toronto, Ontario.

MONTREAL NOTES

Notwithstanding the efforts of the College of Pharmacy and the facility with which lectures can be followed while the student is earning his living, there is undoubtedly a scarcity of really well-posted men as clerks. It would be well to debate the question whether or not the old system of apprenticeship should not be revived.

Judging by the many failures at the examinations in Montreal last spring it looks as though another winter's careful reading up would be a wise precaution for intending students to take.

The minor examinations for clerks and the major for licentiates of the Pharmaceutical Association of the Province of Quebec take place in the city of Quebec on the 25th inst., and following days.

There is a feeling that the law should be changed as far as the holding of examinations in the city of Quebec is concerned. It would be much cheaper to pay the travelling expenses of the two or three Quebec candidates to Montreal than to move the staff of examiners to Quebec. There will probably be at these examinations about twenty aspirants from Montreal and three from Quebec.

Mr. John Lewis is reported as gaining strength daily. At one time his case was considered hopeless. His friends will be glad to hear of his getting about again.

The Pineo-Dawson Company, Limited, which obtained a charter under Dominion letters-patent about six months ago, was placed in liquidation under the Winding-Up Act, by an order pronounced by Mr. Justice Davidson in the Practice Court, upon the petition of W. J. Rafferty, manufacturers' agent, of Montreal. Mr. C. A. McDonnell, chartered accountant, was appointed provisional liquidator, and a meeting of the creditors and shareholders of the company was ordered to be held on October 9, for the appointment of a permanent liquidator and inspectors.

A revised contract for Wampole's cod liver oil preparation, formolid cream and antiseptic solution has just come to hand. I have not yet heard whether the druggists have generally signed it or not. It is to be presumed that they will.

IODIC ACID AND IODATES

In *The Lancet*, Dr. William Mackie gives an account of his clinical experiences of iodic acid and the iodates. The following summary contains the facts of greatest interest to chemists (Chemist and Druggist):

Iodic acid is a remarkable deodorant and preservative even when diluted to the extent a 1-in-2,500 solution. It is employed in ozæna, for deodorising offensive urine, as an irrigant in empyema (strength 1 in 500) and for leg-ulcers, as a mouth-wash—e.g., in inoperable epithelioma—and as a throat-swabbing in diphtheria. It was found very useful in a case of extensive burning (1-in-500 solution). Internally a drachm of 1-in-100 solution, well diluted, has been given in gastro-intestinal sepsis. It has further proved of value administered internally, in typhoid fever. The salt principally employed up to the present is calcium iodate.

Calcium iodate is particularly useful as a dusting-powder. An ointment containing 10 to 20 grains to the ounce of hydrocarbon base is valuable. A lotion is employed in septic and suppurating wounds, and a gauze (3 per cent. strength) may be used for the same purpose. Healingensues with the production of a dry scab. A warm saturated solution is used as a vaginal douche or bladder-irrigant. This iodate is eminently efficient as a mouth-wash or gargle. There is a field of usefulness for it in dentistry—e.g., in pyorrhœa, alveolaris, etc. An ointment, 10 grains to the ounce, has been found to be a veritable specific in various forms of eczema. A solution is further useful as an irrigant in otorrhœa. Hypodermic injections of from $\frac{1}{2}$ to 2 dr. of an emulsion of 3 dr. of the iodate in 1 oz. of glycerin have been used in tuberculous joints.

Mercuric iodate contains 46 per cent. of available iodine. As a general antiseptic it is probably more efficient than either mercuric perchloride or biniodide. With the addition of sodium chloride it is claimed to be soluble to the extent of 2 per cent. in water. It has the scientific advantage of attacking disease organisms with both its component ions, and it contains only half as much mercury as the perchloride. Furthermore, it has been found to corrode instruments less than the salts mentioned. In a pronounced sycosis of hairy parts of the face an ointment containing 20 grains to the ounce produced an effectual cure.

Bismuth subiodate is in the form of a fine white powder. It does not irritate the part to which it is applied. It contains 48 per cent. of available iodine. It has been used in lupus in powder form and as ointment (20 grains to the ounce) and in scrofulous glands as a dusting-powder.

Zinc iodate contains 61 per cent. of available iodine. It is soluble about 1 in 50. It is stronger than the calcium iodate, and is used for similar purposes.

HOW TO CLEAN AND CARE FOR RUBBER GOODS

A writer in *The Pharmazeutische Zeitung* (Merck's Report) gives the following useful hints as to how to take care of rubber goods. In order to prevent rubber articles from becoming hard and brittle, they should be immersed for from one-half to three minutes in melted paraffine at 100 degrees, and then suspended in an oven heated to 100 degrees. This allows the excess of paraffine to drip off which takes about an hour. Rubber absorbs about from 2 to 8 per cent. of paraffine, and thus acquires a remarkable resistance to the influence of air, of light and of heat. Other writers have recommended that rubber goods be immersed in a solution of carbolic acid, in which 5 per cent. of glycerin have been dissolved. Still others recommend that they be washed in ammonia water in order to prevent their becoming brittle.

A good general rule is that rubber goods should not be exposed to intense heat or light, and should not be folded nor brought into contact with mineral or vegetable fats. All rubber is more or less attacked by fats, and in contact with them it softens and becomes dissolved. Rubber, which has lost its elasticity under the influence of high temperatures, may regain a part of its original properties on being washed with ammonia solution, or on being immersed in paraffine, but it never regains its normal condition.

To clean rubber tubing we may use special plungers of steel wire, and the tubes should be rinsed with warm water until the latter flows perfectly clear. If the tube has become hard it may be softened by dipping it into a solution of ammonia for half an hour.

Another way is to boil the tubing for an hour in water with or without glycerin, and to allow it to cool slowly. Glycerin may also be used with advantage in the following manner: The rubber tube is vigorously brushed and washed in hot water. It is then brushed with a wad of cotton fixed at the end of a steel wire and dipped into glycerin. This treatment is repeated within 24 hours. This treatment must be used twice a year for rubber tubes that lie unused. The tubes should be kept rolled on rounded boards, and should be placed in appropriate receptacles.

PERSONAL

After a year's absence abroad Mr. N. C. Polson has returned to Kingston, and is again at his desk.

Special Prices

By comparing our quality and prices with those of other houses, you will quickly realize the splendid advantages which our exclusive agencies for the best manufactures enable us to offer.

The following are specialities of ours :

Oil Almonds	Gum Camphor
" Anise	" Opium
" Cloves	Castor Oil
" Eucalyptus	Pot. Iodide
" Lemon	Menthol
" Lavender	Olive Oils
" Peppermint	Castile Soap
" Sandalwood	

Secure Our Prices—They Are Interesting.

N. C. POLSON & CO., Kingston, Ont.

Contractors to His Majesty's Government

R. ADDIS & SON

London Brush Works, London Fields, London, England.

"Everfast" Tooth Brush

PATENT



No. 6,645

WARRANTED LONDON MADE

These brushes are manufactured on an entirely new principle. In addition to the ordinary means of securing the bristle holes are drilled through the sides and our "Everfast" cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristles in the mouth being completely removed. Only materials of first-class quality used.

To be obtained of all Wholesale Houses and Merchants.

J. H. HAYWOOD

Castle Gate, Nottingham, England.

Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.

BELTS, SUSPENSORY BANDAGES, TRUSSES
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries.



GLASS BOTTLES

Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green, Poison and all kinds of Bottles used in the Druggist and Allied Trades. Special Moulds made.

J. A. CURLE, LTD.

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

1844 1905

THOMAS TYRER & CO'Y, Limited
GOLD MEDAL, ST. LOUIS, 1904

BISMUTH
SALTS

"STERLING BRAND"
PURE

MERCURIALS

ACID PHOSPHORIC

(Made from Phosphorus)
All Strengths

SCALE
PREPARATIONS

GUARANTEED FREE ARSENIC

HYPO-
PHOSPHITES

ETHERS

ANALYTICAL, PHARMACEUTICAL, PHOTOGRAPHIC,
TECHNICAL AND SPECIAL CHEMICALS.

STRATFORD, LONDON, ENG.

Thomas Glover & Son, Carlton, Nottingham, Eng.

Our firm is the OLDEST, LARGEST,
CHEAPEST and BEST. Enjoying
reputation of 60 years, for the manu-
facture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

H. SALLE & CO.

4 Rue Elzévir, PARIS

Exporters and Importers of Crude
Drugs.
Growers of French Herbs.

Specialty of Irish Moss.

Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)

Agents Wanted in Every Important Town.

Offers for American Drugs Solicited.

... SAL HEPATICA ...

THE ORIGINAL
EFFERVESCING

**SALINE LAXATIVE, URIC ACID
SOLVENT AND ELIMINANT**

A combination of Tonic, Alterative and Laxative
Salts

similar to the celebrated Bitter Waters of Bohemia,
fortified by the addition of Lithium and Sodium
Phosphates.

\$2.00, \$4.80, \$10.20 Per Doz., Duty Added.

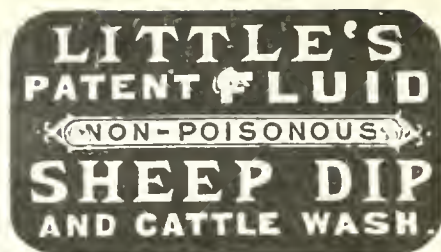
Orders amounting to \$55.00, discount 10 per cent.,
and 2 per cent. cash 10 days. Freight paid.

BRISTOL-MYERS CO.

Manufacturing Chemists

277-279 Greene Ave., Borough of Brooklyn, New York City





**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolle Acid for Uiccers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

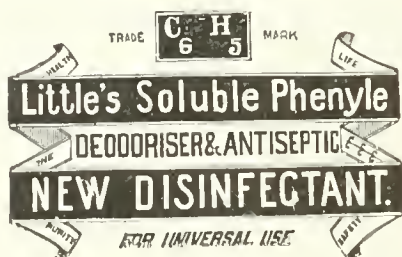
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye.

ONE SOLUTION.

The Original. The Best.
Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/, 3/6 and 10/6.

Wholesale, 12/, 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG.

AGENTS WANTED.

. SPECIAL .

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C. CALVERT & CO.

(OF MANCHESTER, ENG.)

807 Dorchester St. = MONTREAL

SOME THINGS TO AVOID IN ADVERTISING

People will read poor stories. They buy periodicals for reading purposes, and if they pay for them they will read them that they may get their money's worth. It is not necessary to make people read a story. They will read it if they have paid for it. It is necessary to make people read advertisements. If advertisements were read as reading matter is read, they could be in reading matter form. But as they are not they must be written and presented in such form as to force themselves on the public.

The author is paid to write. The advertiser pays to have his contribution printed. The story-writer is not limited as regards space. The advertiser must pay for every fraction of space he uses. The advertisement is intended to do good. If it does harm it is worse than no advertisement at all. The advertisement is supposed to mean something, and if it does it must say exactly what it means. It does no harm if a story is not understood, but the value of an advertisement depends upon the reader's comprehension of it. Because the advertiser understands his advertisements, it does not follow that the public understands them. A certain illustration may be technically and mechanically correct, and yet misunderstood by the public. A certain expression may appear to the advertiser as brilliant, and the advertiser's wife may like it so well that she works it in her pillow shams, yet that expression may be meaningless to the public, or appear to mean what it does not mean.

The advertiser is in the hands, not of his friends, but of the public at large. The good of an advertisement is wholly in what people think of it.

Comparatively few people do more than glance at an advertisement at the start, and a good advertisement must be so written and illustrated that a glance cannot misconstrue its meaning. Intelligent people understand, and always will. It is the business of the advertiser to reduce to a minimum the possibility of misconstruction by anyone. People oppose the man who swindles them out of their money, and who misrepresents things in his statements. They despise the newspaper that sensationally heads its articles, and does not back its headlines with facts. They will have nothing to do with the advertiser who overreaches the facts with his headlines. The advertising which is better than the goods and the goods which are better than the advertising will bankrupt the advertiser. Better not advertise at all than to publish ads. that are open to continued criticism. Of course everybody will not like the advertising. There are kickers against everything. But notwithstanding this fact, the value of the advertisement depends upon how many people like it and how many people dislike it.

BOOKS, ETC.

A MANUAL OF ORGANIC MATERIA MEDICA AND PHARMACOGNOSY

An introduction to the study of the vegetable kingdom and the vegetable and animal drugs, by Lucius E. Sayre, B. S., Ph.M., Dean of the School of Pharmacy, Professor of Materia Medica and Pharmacy in the University of Kansas; and member of the Committee of Revision of the United States Pharmacopoeia. Third edition, revised. This present edition aims to give all facts regarding materia medica and pharmacognosy in a concise form up to the present date, based upon the new U. S. Pharmacopoeia which became official last month. The vast advances in the researches in pharmacognosy since the publication of the second edition has entailed the addition of much new matter in the present volume, and the author has found it necessary to review the whole field of materia medica in order to add the new and useful drugs, assayed drugs, and preparations, etc.

The addition of a large number of synthetic remedies is a feature of the chapter on organic chemicals. The work consists of nearly 700 pages, with 377 illustrations. Publishers, P. Blakiston's Son & Co., Philadelphia, Pa.

RESUME OF MEDICAL AND PHARMACEUTICAL TOPICS

since the publication of Squire's Pocket Companion to the British Pharmacopoeia, being an appendix to the Companion, together with a list of specialties manufactured by the firm of Squire & Sons, 413 Oxford Street, London W., England. This is a very useful hand-book, giving supplementary information and bringing the Companion quite up-to-date.

A SYNOPSIS OF THE PRINCIPAL CHANGES IN THE U. S. PHARMACOPOEIA

Effected by the Eighth Decennial Revision, compared with the B. P., 1898. This work which has been issued promptly on the first appearance of the new U.S.P. bears as its author's name, Mr. W. Harrison Martindale, Ph. D., a guarantee of its value and accuracy. It will be found very useful especially as a comparative work and as a guide in the preparation, etc., of U.S.P. products. Price 2 shillings and one penny, post free; 30 pages; crown 8vo. Publisher H. K. Lewis, 136 Gower Street, London W.C., England.

SEMI-ANNUAL REPORT OF SCHIMMEL & CO.

(Fritzsch Brothers) of Miltitz, near Leipzig, Germany.

This report deals with fixed and essential oils, notes on aromatic chemicals and also on scientific work concerning terpenes and terpene derivations.

THE NATIONAL STANDARD DISPENSATORY

Containing the natural history, chemistry, pharmacy, actions and uses of medicines, including those recognized in the Pharmacopoeias of the United States, Great Britain and Germany, with numerous references to other foreign Pharmacopoeias. In accordance with the United States Pharmacopoeia, 8th decennial revision of 1905 by authorization of the Convention. By Hobart Amory Hare, B.Sc., M.D., Professor of Therapeutics in the Jefferson Medical College, Philadelphia, Member of the Committee of Revision of the U.S.P.; Charles Caspari, Jr., Ph.G., Ph.D., Professor of Pharmacy in the Maryland College of Pharmacy, Baltimore, Member of the Committee of Revision of the U.S.P.; and Henry H. Rusby, M.D., Professor of Botany and Materia Medica in the College of Pharmacy of the city of New York, Member of the Committee of Revision of the U.S.P. Imperial octavo, 1,858 pages, 478 engravings. Cloth, \$7.25, net; leather, \$8.00, net. Thumb-Index, 50 cents extra. Lea Brothers & Co., Publishers, Philadelphia and New York, 1905.

E. MERCK'S ANNUAL REPORT. COMPLETE SERIES,
VOL. 18, 1904

This volume of nearly 250 pages is mainly devoted to a "Report on the advancements of Pharmaceutical Chemistry and Therapeutics," and, although published by the well known manufacturing chemist, E. Merck, Darmstadt, Germany, it cannot be in any sense considered as an advertisement of this house, but rather is for the purpose of furnishing an impartial review of the progress of pharmacy, etc., during 1904. The book is an interesting and instructive one for every pharmacist, and may be obtained upon application to the publisher.

Manual of the Materia Medica, Supplement No. 2.—Treating of approved new remedies and also giving directions for treatment in cases of poisoning is another publication from the above named house. Copies of either work may be obtained by pharmacists or physicians on application.

A treatise on the "Different Processes employed in Perfumery for the Extraction of Perfume from Flowers" is the title of a book published by Lantier Fils, Grasse, France. It shows the method of extracting perfume by expression and distillation as employed in the works of the firm, illustrations of some of the processes and views of portions of their laboratories being also given. The copy received is in French.

Don't forget that every man has his own peculiarities which should be met in different ways.



The above cut represents the exhibit of The Alphonse Major Cement Company, at the Pharmaceutical National Convention at Atlantic City, N.J., Sept. 4th, 1905. On the right is Major's Compartment Cooler, and on the left is his Steam Bath Cooker for preparing Chocolate Syrup.

NO STOPPING THEM

Winnipeg merchant—Do you know that Winnipeg has nearly doubled its population in two years; is going ahead faster than any other city on this continent is bound to be the "hub" of Canada; is—

Montreal traveller—Hold on! Can't you give us something else than Winnipeg? We know all about it. I was there a little while ago; it's all right, but—

Winnipeg—How long since you were there?

Montreal—Two weeks ago.

Winnipeg—Two weeks! Oh, but you should see it now.

MERCK'S COCAINE

Since the year 1862 one of the leading specialties manufactured in the laboratories of E. Merck, Darmstadt, Germany, has been Hydrochlorate of cocaine, and it has always occupied a leading position amongst brands of this alkaloid.

Merck's cocaine is made by a special process and is guaranteed of unexcelled purity, answering the fullest requirements of the British Pharmacopoeia, 1898, and all other Pharmacopoeias.

NATIONAL LICORICE COMPANY

SOLE MANUFACTURER OF

Y. & S. LICORICE

THE OLD-FASHIONED REMEDY FOR COUGHS AND COLDS.

Also the celebrated

SCUDDER

and M. & R.

Stick Licorice

and M. & R. Wafers



LOZENGES,
Etc., Etc.

and
POWD. EXTRACTS

and
POWD. ROOT

in convenient packages for
the Trade.

Advertising Matter Furnished to Retail Drug Stores for Counter and Window Display

Applicants will Please State Which of the above Brands is Used.

106-116 JOHN STREET - - BROOKLYN, N.Y.

ILLUSTRATED CATALOGUE ON REQUEST

UMNEY'S

TERPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

SOLUBLE ESSENCE OF LEMON, LEMON CRYSTALS, &c.

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

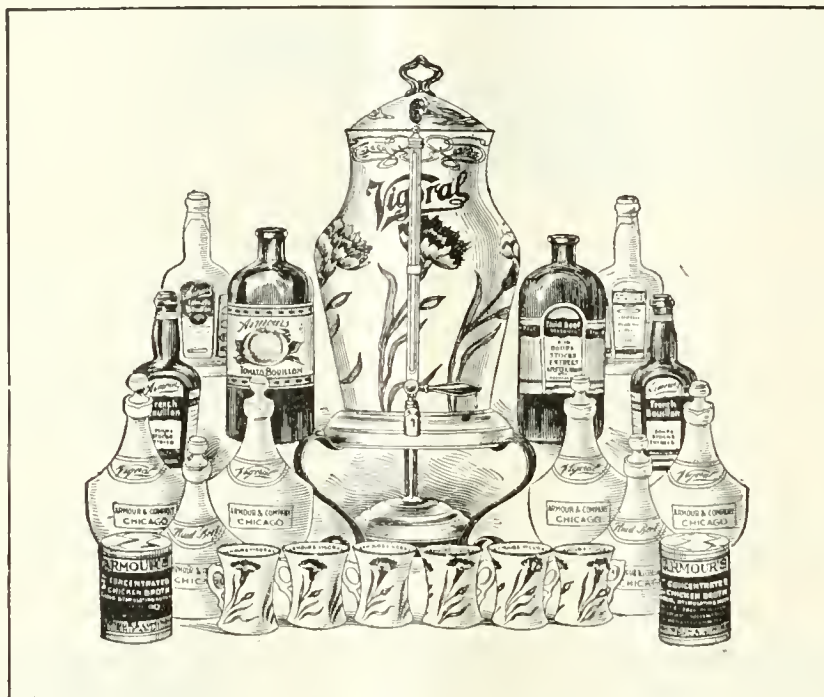
AGENT FOR CANADA:

MR. J. M. SCHEAK, Carlaw Buildings, Wellington St. W., TORONTO

A CHINA URN FREE

With each **Carnation China Urn Case**

Price, \$30.00 F. O. B., Toronto



A BEAUTIFUL CHINA URN, richly decorated, with a 2-gallon, tin lined, copper water tank that will not rust, a gasoline heater, a half dozen china mugs, and sufficient Armour's Vigoral, Extract of Beef, Tomato Bouillon and Chicken Broth to make 2,000 drinks. **A limited supply only.** Order early from your jobber to insure getting one.

Armour's Hot Drink Supplies

Catalogue of All Offers and Packages Sent Free on Request

DON'T WAIT UNTIL COLD WEATHER IS AT HAND TO
ORDER. GET READY TO START THE FIRST COLD DAY

Armour Limited, Toronto

EXHIBITS AT THE TORONTO EXHIBITION

Very tasteful displays of confectionery were made by several of the leading Toronto firms in the Manufacturers' Building. The Cowan Co., Limited, occupied a central space with shelves well filled with samples of the various lines of chocolates and cocoa for which this firm are so justly celebrated.

Harry Webb & Co., Limited, whose chocolates are handled by a large number of our readers, had a very natty line in chocolates in silk-covered hand-painted boxes, also in silk lined baskets, which should make splendid selling goods for the Christmas trade. They also showed confectionery of various kinds and salted peanuts.

The McGregor, Harris Co., who confine the sale of their well known butter scotch solely to the retail drug trade, had a stand full of these and of chocolates, bottled confectionery, and also of fountain syrups and pressed fruits and marmalades, into the manufacture of which they have gone extensively.

J. J. McLaughlin, whose name is well known to our readers, was on hand with a full line of fruit juices, pressed fruits and grape juice. These goods are standard in quality and enjoy an enviable reputation.

The Nasmith Co. had a neat stand in which they displayed their chocolates and confectionery of different kinds.

Beef extracts of many kinds good enough to tempt the palate of any epicure were to be seen in the stand of Armour, Limited. A brand handled only by druggists is their soluble beef put up specially for invalids and very nourishing. Vigoral, tomato bouillon, beef, iron and wine, and beef cordial were some of the other brands on view.

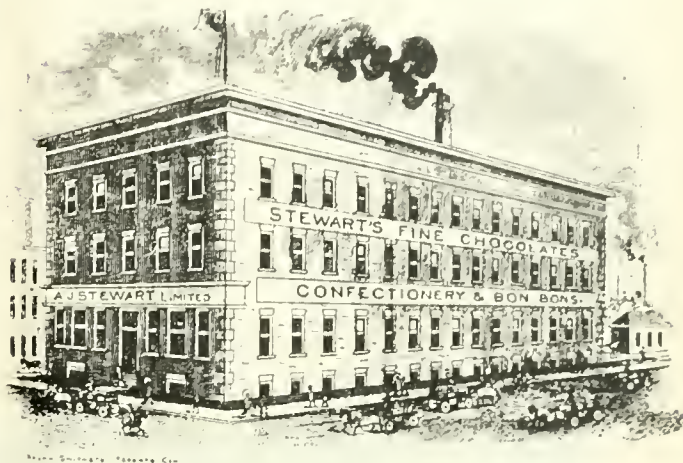
The International Stock Food Co., whose stock foods for animals of all kinds are in good demand had a large exhibit of all lines. These are handled by druggists everywhere, but a specialty which the company is now pushing and which should sell well is Kondon's Catarrhal Jelly for catarrh and hay fever.

THE REORGANIZATION OF THE STEWART CO.

A strong company has been formed under the name of The Stewart Company, Limited, to take over the business of the late A. J. Stewart, Limited, manufacturing confectioners, with Mr. L. J. Applegath as president and Mr. W. P. Robinson as secretary. Mr. Stewart has assumed full charge of the manufacture of the confectionery and states that only goods of the purest and best quality will be allowed to pass his supervision.

It is the intention of this company to turn out goods of the highest quality and nothing that is adulterated in any way will be handled.

They have an up-to-date factory, with light on all four sides, and what strikes the visitor most is the scrupulous cleanliness everywhere displayed.



The building is located on Duncan and Adelaide Streets, is 90x48 ft. and four stories high.

A quantity of new plant is being added to the equipment which will be thoroughly complete and up-to-date.

Our representative was shown through the premises and was much pleased to note the care everywhere shown in the manufacture of such articles of food as chocolate and confectionery.

The class of hard-boiled goods such as acid drops, cough drops, and lozenges manufactured by this company are of a very high quality and commend themselves to the support of the Canadian drug trade.

The Company wish to extend a cordial invitation to the members of the trade to visit their plant and inspect the process of manufacture, when in Toronto, which will convince them of the exceptional merits of the firm's well known and high-class confectionery.

MAJOR'S CEMENT

There are druggists who do not display anything in the way of advertising matter, therefore we put up our Cement in two different styles. One is on the display card, and the other is in the plain boxes. Every druggist that can use a card, in ordering should state to have the Cement sent on a card.

You can dispose of three or four dozen by displaying, where you can only dispose of one by having it put away somewhere in the drawer.

CONFECTIONERY

THE HARRY WEBB CO., LIMITED

One of the most profitable as well as the most in keeping with the stock of the retail chemist and druggist is that of confectionery in its various lines. Originating with the worm tablet and the cough drops and gradually extending to the "boiled" goods as exhibited in acid, menthol, horehound, lemon, and the numerous other tablets and drops, the stock now carried embraces all the higher class of confectionery, as distinguished from the "cheap goods" to be found in the groceries or elsewhere.

Amongst the pioneers of this class of goods in Canada at least, and which from the time of their introduction to the present have held the confidence and good-will of the trade both for their permanence, uniform reliability and truthfulness to flavor are those manufactured by R. Gibson & Sons, of Manchester, England.

A representative of The Canadian Druggist paid a visit recently to the wholesale department of the Harry Webb Co., Limited, Toronto, and found them established in a fine new factory on Buchanan Street, where they have every facility for turning out high class confectionery. They have a large range of staple packages on display in 1 pound and $\frac{1}{2}$ pound boxes, and in 5c. and 10c. packages. In anticipation of the Christmas trade they have stocked up an immense variety of boxes of all shapes, sizes and colors, plain, decorated and silk-lined. Some of the novelties that should sell well are animals, tea-pots, and fruits all to be filled with chocolates, which will appeal to all, the prices of which range so as to suit the pockets of both rich and poor. Some of the lines most in demand are Webb's butter scotch, Paris chocolates, a splen-



THE HARRY WEBB CO'S. EXHIBIT AT CANADIAN NATIONAL EXHIBITION

The variety of goods manufactured by this firm and all of a uniform standard of excellence make "Gibson's Confectionery," a leading line not only in Canada but also in the United States and wherever introduced. All wholesale druggists keep them in stock, and the demand is constantly increasing.

did selling staple; Vienna chocolates and caramel chocolates. These are sold in packages ranging in price from 5c. to \$5, the cheaper lines being in paper boxes. For the more expensive packages the materials are wood, silk, and china decorated with flowers and ribbons and hand-painted.

PICTORIAL POST CARDS

FROM CUSTOMER'S PHOTOGRAPHS

In quantities of 250 plain
or 500 coloured.

ALSO IN GIANT SIZES.

Price Lists and Particulars from

G. W. WILSON & CO.,
2 St. Swithin Street, Aberdeen, Scotland.

W. G. MacFARLANE

PUBLISHER OF
**SOUVENIR POST CARDS
AND VIEW BOOKS**

72 Bay Street, :: Toronto

A large stock of Canadian view cards fancy and comic cards and other lines.

Special attention given to contract orders from dealers' own photos, 1000 of a subject in black and white at \$6.00 per thousand; 3000 of a subject in colors at \$6.50 per thousand.

Write for samples.

Send us a sample order for burnt leather and burnt wood post cards.

— THE — Picture Post Card House OF CANADA

(Established 15 years.)

WE make special series of Souvenir Cards for every locality from photos supplied by customers, and guarantee the finest finish to be had.

300 different Canadian Post Cards, and a large assortment of Fancy Cards ready for immediate delivery.

Write for Samples and Prices

The Montreal Import Co.

17 ST. JOHN ST. - MONTREAL

For the Summer Season

Montserrat Lime Fruit Juice

The standard lime juice of the world.
A ready seller and brings trade.

Montserrat Lime Juice

Sauce. The combination with lime juice makes it an acceptable and wholesome appetiser.

De Leon's Florida Water.

A preparation of charming fragrance.

Large, 4.25 doz.; 3 doz. 4.00 doz.

Small, 1.90 doz.; gross, 22.00.

Granular Effervescent Preparations

of standard quality.

Evans' Antiseptic Throat Pastilles

—the original. A good seller in the summer season, and all seasons.

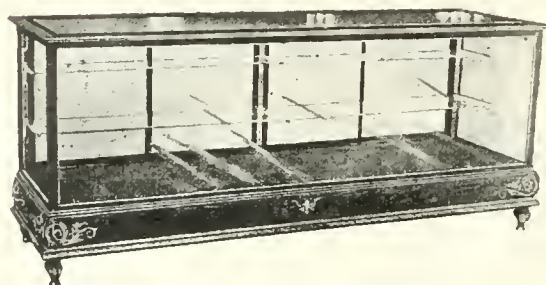
British Lanoline.

A pure wool fat of excellent quality. Special prices to buyers in quantity.

EVANS AND SONS,

LIMITED

MONTREAL.



TORONTO SHOW CASE CO.

Manufacturers of High Grade Show Cases
and Drug Store Fittings, also

Knock Down Show Cases

For Long Distance Shipment a SPECIALTY

WRITE FOR CATALOGUE

120 ADELAIDE STREET W.

TORONTO

COATE & CO., THE LONDON BRUSH WORKS, AXMINSTER, ENGLAND

Established 1846

Specialists—Tooth, Nail and Hair Brush Manufacturers
AND PATENTEES OF THE WHITE ENAMELLED TOOTH BRUSHES

N.B.—A Large Stock of Finished Tooth Brushes, Nail Brushes, Hair Brushes, &c., kept ready for Merchants' Shipping Orders. A trial order solicited. Illustrated Price List sent Free on application.

YOU FEEL SAFE WHEN WRITING A CHEQUE WITH



\$7 Value for \$1

Saves Cost of Check Punch,	\$5.00
Value of Year's Ink Supply,	1.00
Cost of Pencil,	1.00
Total Value,	7.00

Holder needs to be filled with water only, to produce the best ink anywhere. No leads. Point never breaks or needs sharpening. Will last for years. Soon saves its cost. **PRICES**—Plain, \$1.00; Chased, \$1.25; Chased and Gold Mounted, \$1.50. New Ink-making Cartridges in green, blue, violet, or black copying or red ruling, 10c.; by mail 12c. Ordinary ink may also be used. Great for Stenography. Around the world and never out of ink.

AS TO FOUNTAIN PENS. The "Nosack" Self-Filling IS UNEQUALLED.

Simply draw the cap off and the pen is full. Compared to the watch, this Pen is the stem winder; the old styles, the key winders, **PRICE, \$2.50.** No inside pumps to leak or break. No rubber sacks to rot, or room for ink to take. No fillers to find, and when found they are broken. It cleans—it fills—no profane words are spoken. Our pen values are intrinsic. Not inflated.



Blair's Fountain Pen Company,
163 Broadway, Suite 121, New York.
GET AGENCY.

PATENTS PROMPTLY SECURED

Write for our interesting books "Inventor's Help" and "How you are swindled." Send us a rough sketch or model of your invention or improvement and we will tell you free our opinion as to whether it is probably patentable. Rejected applications have often been successfully prosecuted by us. We conduct fully equipped offices in Montreal and Washington; this qualifies us to promptly dispatch work and quickly secure Patents as broad as the invention. Highest references furnished.

Patents procured through Marion & Marion receive special notice without charge in over 100 newspapers distributed throughout the Dominion.

Specialty:—Patent business of Manufacturers and Engineers.

MARION & MARION

Patent Experts and Solicitors.

Offices: { New York Life Bld'g, Montreal
Atlantic Bldg, Washington D.C.

Encourage Home Manufactures

Auld's Premium Mucilage. The best made. Lithograms and Lithogram Composition. Largely used.

Acme Cleansing and Washing Powder. For printers' type, machinery, etc. Much superior to Lye and cheaper.

Coal Saving and Smoke Consuming Compound. Saves 15 to 25% of coal with more steam efficiency.

Samples and Prices Furnished on Application. Write us

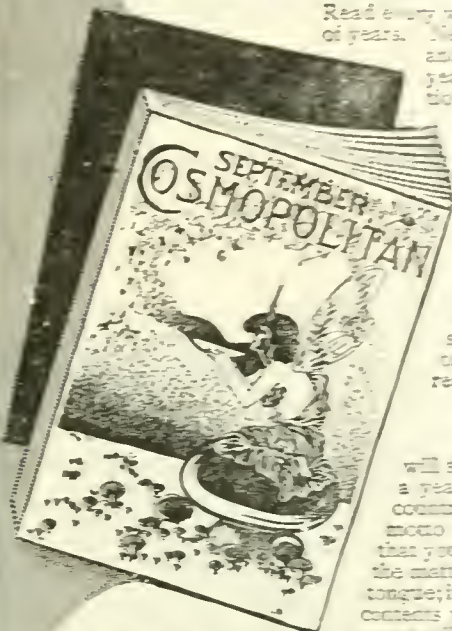
AULD MUCILAGE CO.

17 BLEURY STREET - MONTREAL

Here's Your Chance!

A great half price Offer

Read every word of this announcement for it is the opportunity of years. Never before was such an offer given to the public, and it is safe to say never will it be made again. This year several magazines have increased their subscription price, which shows how much greater the offer really is. Only a limited number will be sold at this price, therefore we advise everyone to accept the offer without delay. When we have received a certain number we shall withdraw the offer.



Cosmopolitan

having now passed to the ownership of the most successful publishing house in existence, the Hearst organization, will shortly become the most widely read magazine in America. Over

500,000 copies a month

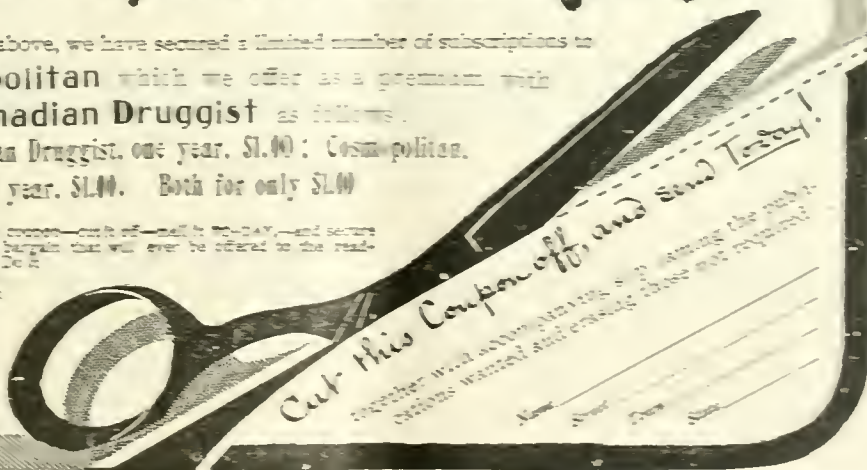
will shortly be required to fill the demand, while within a year it will outrank every other magazine in the country. "The best, no matter what it costs," is the motto of its editors, therefore it will be in Cosmopolitan that you will find the writers of world-wide reputation; the matters on which they write will be questions of public tongue; its fiction will be masterpieces of pen-craft; its whole contents will set the standard for magazine perfection. We cannot tell to-day who will be its contributors, for to-morrow's

sun may shine upon a new-born Conan Doyle, or the author of another "David Harum," and should such be, you will find it in Cosmopolitan.

Our Extraordinary Offer

As noted above, we have secured a limited number of subscriptions to **Cosmopolitan** which we offer as a premium with **The Canadian Druggist** as follows:
The Canadian Druggist, one year, \$1.00; Cosmopolitan, one year, \$1.00. Both for only \$2.00

Fill out this coupon—cut it off—mail it TO-DAY—and secure the greatest bargain that will ever be offered to the reading public. Do it today! We also want agents to work this great proposition for us.



Cut this Coupon off, and send Today!
Whether with accompanying S.P. showing the magazine wanted and enclosing three not required.
Name _____
Street _____
City _____
State _____

I accept your offer of Canadian Druggist and Cosmopolitan both for one year for only \$1.00.

Or, Review of Reviews in addition for a total for the three publications for \$2.50.

Or, Woman's Home Companion in addition for a total for the four publications for \$3.00.

DRUGGISTS' CONFECTIONERY

Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard LONDON, ENG.
Aldersgate Street



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

CHLORODYNE JUJUBES

PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Multum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

LINSEED, LIQUORICE AND CHLORODYNE
LOZENGES

Are now in great demand. We recommend all who have not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

Containing Aniseed, Benzoin, Chlorodyne, and other valuable Ingredients.

Sent out in 4-lb. Glass Show Jars. (Jars free.)

PRICE LISTS AND SAMPLES ON APPLICATION.

Every Wholesale Drug House in Canada can supply, or Indents may be sent direct to Manchester

The Harry Webb Co. are such an old-established firm in Toronto and so well known in Ontario that it seems superfluous to add that everything attending the manufacture of their confectionery is up-to-date, while cleanliness is the rule all over.

MACGREGOR, HARRIS CO., LIMITED

Like many another firm in this growing time the Macgregor Harris Co., Limited, manufacturers of high class confectionery, Toronto, found their premises on Pearl Street insufficient for their requirements, and, therefore, purchased the building 201 Queen Street east, which runs right through to Britain Street, and which gives them twice as much space as formerly. The company manufacture a full line of chocolates of all kinds, including those with pure fruit centres, which are sold in $\frac{1}{4}$, $\frac{1}{2}$ and 1 pound packages. They also cover the field in hard-boiled and acidulated goods, such as cough drops, etc., while for fountain use they manufacture crushed fruits and concentrated fountain syrups. Now that the weather is cooler they have just commenced the making of their far-famed butter scotch, which is sold exclusively to druggists, and which meets with such a ready sale on all hands. Those of our readers who have not hitherto stocked it would do well to give it a trial without any delay.

THE COWAN CO., LIMITED

The name "Cowan" stamped on chocolate and confectionery is a guarantee of the absolute purity of the goods, and, as such, is everywhere recognized throughout the Dominion. Hence the ever-increasing demand for "Cowan" goods and the justification of the erection of a splendid new factory on Stirling Avenue, a new street running north from Dundas Street, Toronto, near the well known bridges over the railroad tracks. A visit to this factory would be of great interest to our readers as showing the scrupulous care taken in making use of the best and purest materials only and the careful handling of the same during manufacture.

The factory is 205x120 feet, there being four stories in front and three at the back. The space utilized for manufacturing in the factory proper is 250x60, but the first floor above is also used for the same purpose, the other floors being warehouses. On the ground floor are the very neatly finished offices and receiving and shipping departments. Railroad sidings run to the door thus enabling material to be delivered direct to the factory. There is plenty of room for expansion when that becomes necessary, as the company own in all four acres of land in a block. Extra facilities

are now being installed and will be completed by October 1st, which will enable the company to catch up with orders now in hand before the rush of Christmas orders comes on. Tables for making milk chocolate are now on the way from Germany which will allow of a great extension of that branch of the business to meet the vast demand that has sprung up for that class of goods.

Of the many varieties of "Cowan" goods handled by druggists the following are some of the principal lines that can well be pushed: Cowan's cream bars, large and small, in different size boxes; Cowan's hygienic cocoa, in 5 pound tins for soda water fountains; Cowan's chocolate ginger, in 1 pound fancy boxes; Cowan's crystallized ginger, in $\frac{1}{2}$ pound and 5 pound fancy boxes; Cowan's chocolate wafers, non-pareil wafers, chocolate tablets, milk chocolate, various sizes; milk wafers, milk croquettes, milk medallions, etc. The trade mark for all Cowan's goods is the "Maple Leaf," and well do they maintain the reputation of Canada's national emblem.

SOUVENIR POST CARDS

The souvenir post card business is growing by leaps and bounds and has reached dimensions that were never anticipated when they were first brought out. We had, recently, the pleasure of inspecting the stock of Mr. W. G. Macfarlane, 72 Bay Street, Toronto, who deals principally in souvenir post cards, and whose stock line comprises 1,000 subjects, covering all parts of Canada and Newfoundland, and many of the principal points in the United States. Canadian subjects from Newfoundland to Victoria are done in colors, and there is a large line of cards with embossed crests of Great Britain, the Dominion, the various provinces and cities of Canada, and British and Canadian flags. These are done in gold and colors. There are in stock a large number of lines of import cards of English and Scotch publishers, including a large range of fancies, comics, Scottish clans, real photo cards, etc., also American fancy cards. There are in preparation a number of lines of typical Canadian scenes illustrating Canadian sports, lumbering, ranching, Mounted Police, Indians, Hudson Bay life, etc. Other readily selling lines are post card albums and racks, leather and wood post cards, Christmas post cards, Christmas cards and calendars, and there is a large range in burnt leather novelties. Mr. Macfarlane makes a specialty of getting out post cards from customer's own photographs, in twelve or fifteen different styles, including half-tones, half-tones with embossed crests, naturo-type (a color line of Can-

adian manufacture), collotype, hand-colored collotype, machine-colored collotype, autochrome, tricolor, imitation silver flint, etc.

Another firm who are extensive dealers in post cards is the Montreal Import Co., of Montreal, whose advt. appears elsewhere in this issue. This is an old established house whose goods are of the popular kind, and who make a specialty of printing cards from photographs of local subjects supplied by customers. They guarantee an excellent finish and at prices which will compare favorably with any other makers. Catalogues will be mailed on application.

W. R. Adams, 401 Yonge Street, Toronto, is also an extensive dealer in these goods, and is showing an excellent assortment of souvenir cards in a variety of subjects.

Still another firm, possibly not quite so well known to the trade as the local houses, and yet having an established reputation in Great Britain for splendid selling lines of cards both on account of their excellent finish, choice selection of subjects and moderate prices, is that of G. W. Wilson & Co., of Aberdeen, Scotland, whose advt. appears for the first time in this issue. The goods sold by this firm should find a very ready sale, and we advise writing for catalogue.

TEA AND COFFEE AS MEDICINES

Before tea became cheap enough to be considered a drink, it was largely used as a medicine. A familiar advertisement in *The Tatler* used to proclaim a "famous chymical quintessence of Bohea tea and cocoanuts together, wherein the volatile salt, oil, and spirit of both" formed "the highest restorative that either food or phys. affords; for by it all consumptive habits, decays of nature, inward wastings, thin or emaciated constitutions, coughs, asthmas, phthisics, loss of appetite, etc., are to a miracle retrieved, and the body, blood, and spirits powerfully corroborated and restored." Even the most modern of patent pills do not claim to "corroborate" the blood.

Sir Thomas Lipton has among the treasures of his library an old cook-book, published in 1662, that gives what is perhaps the first English recipe for coffee. The recipe reads: "To make the drink that is now much used, called coffee. The coffee berries are to be bought at any druggist's, about seven shillings the pound. Take what quantity you please, and over a charcoal fire, in an old frying-pan, keep them always stirring until they are quite black, and when you crack one with your teeth that it is black within as it is without, yet if you exceed, then do not waste the oyl; and if less, then will it not deliver its oyl;

and if you should continue fire till it be white, it will then make no coffee, but only give you its salt. Beat and force through a lawn sieve. Take clear water, and boil one-third of it away, and it is fit for use. Take one quart of this prepared water, put in it one ounce of your prepared coffee, and boil gently one hour, and it is fit for your use; drink one quarter of a pint as hot as you can sip it. It doth abate the fury and sharpness of acrimony, which is the gender of the diseases called cronical."—*Mo. Magazine Phar.*

SOME WINDOW DISPLAY IDEAS

Novelties in window dressing are always keenly sought for by the enthusiastic window dresser, and with the new ideas acquired he can develop something somewhat different from the pattern he has seen, which will give his own window an individuality not possessed by that of the man who simply copies without any attempt at variation. The following ideas have been suggested as being capable of being worked out in many ways. Have a garden window which can be dressed as follows: Take a white picket fence or paling, not running straight across but the top sloping downward in graceful curves toward a garden gate in the centre. The gate is represented as being open and can be arched over, if desired, by a graceful trellis which may be utilized for floral decorations. For the background a plain dark green tapestry curtain will serve. Above this may be run a fancy border formed by means of boards seven or eight inches wide covered smoothly with green crepe tissue paper. The edges of this are trimmed thickly with artificial apple blossoms. The space behind and above the paling may be decorated with natural apple tree branches covered with artificial flowers. Flowers may also be intertwined among the pickets. The latter should be about one-half to three-quarters of an inch square and painted white. This idea is especially suitable to a corner window.

A good method for displaying several lines of goods is to have the window arranged on the same plan as the floor and galleries of a theatre. The balconies are suspended on chains, which leaves the lower portion of the window clear for any arrangement desired. Each floor is made to slope upward toward the back, giving a good opportunity for the display of goods. A sort of box-like arrangement can be constructed at each side which makes the resemblance to the interior of a theatre still more perfect.

Don't make a mistake by talking to the wrong man, but be sure you have the name of the buyer correct, and that it is he you are addressing.—*Salesmanship.*

COWAN'S

Pure, Powdered
CHOCOLATE

for

Soda Water Fountains,
Ice Cream, Etc.

is very choicest quality
and absolutely pure.

The Cowan Co., Limited
TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.



CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited
TORONTO



YOU CANNOT AFFORD

TO REMAIN DISINTERESTED IN CONFECTIONERY
POSSESSING THE SUPERIOR MERITS OF

STEWART'S

CHOCOLATES AND BON BONS

PURITY OUR FIRST CONSIDERATION

A full line of Confectionery made.

SATISFACTION GUARANTEED

Let us know what you want and we will send samples and prices.

The Stewart Company, Limited
TORONTO

PICTURE POST CARDS .. Canada Views ..

10c. a Doz. 80 Different, \$1.00
Com'c Cards - 20c. a Doz.

Over 50,000 Views in Stock. Wholesale and Retail. Write for Price List.

W. R. ADAMS

401 Yonge St., TORONTO, Can.

Established 1897.

Universal Standard Stamp Catalogue, Fifth edition

for 1905 now ready, 422 pages, 2900 illustrations, postage paid to any address in Canada or U.S. on receipt of 40c in unused current postage stamps.

The STANDARD ALBUM for stamps of the British Empire is now ready, fully illustrated on a new plan, full particulars, prices and specimen page sent free on request.

WHITFIELD KING & CO., Ipswich, England

Want to Buy

Old Canadian and U.S. stamps in any quantity. Want Jubilees. Also any 6, 8, 10. Also dollar value of U.S. Send with price for prompt cash.

KING, SON & CO.

141 East 19th St. New York City

Gray's

CASTOR-FLUID
For the hair.

DENTAL PEARLINE

An excellent antiseptic tooth wash.

SULPHUR PASTILLES

For burning in diphtheritic cases.

SAPONACEOUS DENTIFRICE

An excellent antiseptic dentifrice.

These Specialties

All of which have been well advertised more particularly the "Castor-Fluid," may be obtained at all the wholesale houses at Manufacturer's price.

Henry R. Gray

Established 1859

Pharmaceutical Chemist

122 St. Lawrence Main Street

(Cor. of Lagacbetiere)

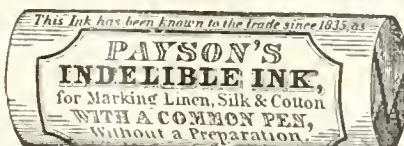
MONTREAL

ASK FOR "CRUSADER" (REGISTERED) THE CHOICEST INVALID PORT

Its purity and age commend it for medicinal purposes. Sold only in bottle. For sale in cases, 12 quarts and 24 pints.

J. S. Hamilton & Co.
BRANTFORD

Wholesale Distributors for Canada.



THE OLDEST - THE BEST

Received Medal and Diploma at Province of Quebec Exposition, Montreal, 1897.

Trade supplied by all leading Drug Houses in the Dominion



50 YEARS' EXPERIENCE

PATENTS

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DESIGNS
COPYRIGHTS & C.

Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

Scientific American.

A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.

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Commercial Printing
a Specialty

The **Bryant Press** Limited

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TORONTO.

Telephone Main 2377

Sells on Sight

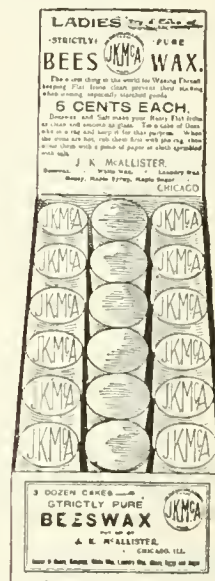
McALLISTER'S

Absolutely Pure Molded Beeswax



Our Trade Mark.

For 35 years a guarantee of purity. Used largely for salves, cerates and ointments. In counter box, as shown here.

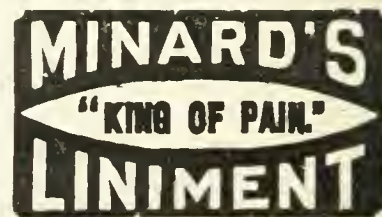


At all Jobbers. When ordering specify "McAllister's." If you don't get it write direct to

J. K. McALLISTER

BLEACHER AND REFINER OF BEESWAX

396 W. Van Buren St., Chicago, U.S.A.



Sold to the trade from

HALIFAX TO VICTORIA

by

HALIFAX—Brown & Webb, Simson Bros. & Co., Hattie & Mylius.

ST. JOHN—T. B. Barker & Sons, Canadian Drug Co.

The McDiarmid Drug Co.

YARMOUTH—C. C. Richards & Co., proprietors.

QUEBEC—W. Brunet & Co.

MONTREAL—Kerry, Watson & Co., Lyman, Sons & Co., Lyman, Knox & Co., Evans & Sons.

PRESCOTT—T. W. Chamberlain & Co.

KINGSTON—Henry Skinner & Co.

TORONTO—Lyman Bros. & Co., Elliot & Co., Evans & Sons, Northrop & Lyman, T. Milburn & Co.

HAMILTON—Dominion Drug Co., J. Winer & Co.

LONDON—London Drug Co., Jas. A. Kennedy & Co.

WINNIPEG—Martin, Bole & Wynne Co., Bole Drug Co.

VANCOUVER and VICTORIA—Henderson Bros.

McDowell, Atkins & Watson.

NEW WESTMINSTER—D. S. Curtis & Co.

BROWN BROS., LIMITED.

One of the oldest established and most prominent firms in the stationery and accessory trades in Canada is that of Brown Bros., Limited, Toronto. Originated

in Newcastle, England, in 1774, the date of its establishment in Toronto counts from 1846. When the great fire of 1903 ravaged the business portion of this city, the fine building of this firm was one of the first to be swept out of existence. But pluck and enterprise can overcome disasters,

and to-day we find the firm ensconced in a splendid building, a little to the west of the site they previously occupied on Wellington Street, West.

The lines of goods manufactured by the firm in which our readers are chiefly interested are Fancy Stationery, Paper and Envelopes, General Stationery and Office Supplies and Leather Goods. In Fancy Stationery we notice a new and attractive line of note paper and envelopes, called "British Pure White Parchment," in different sizes and packages, which should meet with a ready sale. Other standard lines are "Alabaster," "Superfine Linen Record" and "Royal Irish Linen." Papereries could be seen in great profusion.



Among Office Supplies, a particularly full display of Fancy Waste Baskets of novel designs, strong and handsome, attracted our attention. Ink stands of tasteful design, manufactured by the firm, were present, while novelties in pencil cases in the greatest

variety would cause customer to order a stock of them at once. Space will not permit us to refer in detail to the supply of office sundries, pen, book, calendar pads, etc., with which the display table were

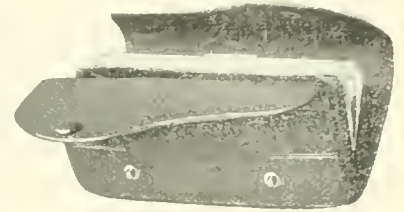


lined, nor to the crepe tissue and crepe tissue doilie in many tasteful designs.

A feature of the Leather Goods department, which is very complete in every way, is that all articles are manufactured by the firm itself.

In sorting up for the holiday trade, it is always a convenience to know where to get good reasonable lines at reasonable prices. Any live druggist, who is looking

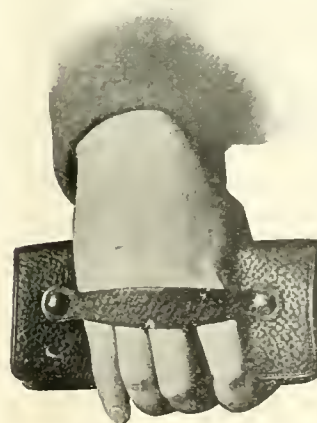
to extend his holiday trade, can very profitably do so by putting in a few good lines in leather goods. We mention a few here: Cigar Cases, as in illustration No. 1. These cases are made in real seal, morocco and pig skin. Styles as shown in the second illustration come in alligator, real seal, cowhide, morocco, calf skin and other good leather. Prices range up to \$5.00 and they retail from 25c each. Tobacco pouches are also useful holiday gifts. They can be had in three sizes and four kinds of leather, rubber lined.



Then, for the ladies, what is nicer than a handsome Shopping Bag fitted with purse and calling card case, the bag being lined with handsome figured silk lining? The style, as shown in the third illustration, is indeed

a useful bag for all purposes. Another new line is the Vanity Bag, also illustrated. This bag is fitted with a small mirror, puff bag, ivory tablets and pencil, and is an exceedingly useful bag to carry when calling.

The very latest thing for the ladies is the Grip Purse, which is really a revival of the great Finger Purse, but the "Grip" is a great improvement



on the finger style. We give here two illustrations showing this new purse, one representing the front view (the purse being open), the other the back view, showing the method of holding the purse. These goods are made in all the best leather, and, retailing at

popular prices, have proved splendid sellers. Messrs. Brown Brothers will be glad to supply further data, together with samples upon request. This firm also carry a fine line of Ebony Toilet Articles, and would be glad to submit samples and prices for comparison.

SHARING SUCCESS

When one realizes what life means in its higher relations and duties, it is pathetic to notice how constantly people apologize to one another for any small trouble which they impose. The young man who goes to ask the man of established position for a letter of introduction or for personal interest in securing an opportunity for work, almost invariably expresses regret for the interruption which his request necessitates; as if the world were wholly selfish, and any kind of service done to another were in a way exceptional and out of the common run of things!

That a man shall put his strength, his time and his ability into caring for his own is taken for granted; but if he is asked to do anything for anyone else, he is thanked as if he were doing an unusual thing. As a matter of fact, the one duty is as close, as obvious, and as imperative as the others. The man who throws the door open to one who is waiting for an opportunity has done nothing more exceptional than if he had put an hour's work in the gaining of his own bread, or the clothing of his own body. He is simply doing what a respectable spiritual being might be expected to do.

The making of opportunities, the throwing open of doors, is as much the duty of the man who has the opportunity as caring for his own family. It is, indeed, one of the highest rewards of success—if one understands what success means—to be in the way of putting others on the same road. Nothing is more spiritually vulgar and shabby than to climb up and throw down the ladder by which he has climbed. Nothing shows the true nature of a man more than the spirit in which he treats success. If he is mean and niggardly in his soul, he accepts it as a kind of personal distinction or gift, and hoards it as a miser hoards money; if he is generous, he spends it freely, eager that others should share what he has gotten. And no man deserves success, or ought to keep it, who fails to make this spiritual use of it. He who makes this use of it cannot be corrupted by any kind of success or spoiled by any kind of prosperity; he who fails to do this was corrupted and spoiled before he began.—*Baltimore Journal of Commerce.*

The rate of postage from Australia to Canada has been reduced from two and one-half pence to two pence. The rate from Canada to Australia is two cents.

CLEANING UTENSILS IN THE STORE

What is the best mode of washing bottles or other apparatus of the shop? Is there any science in it? Yes, there is a great deal of science in it, and I think this a very pertinent question.

A boy who can wash druggists' utensils well will make a good druggist. In using his apparatus and utensils, the druggist soils them with a variety of drugs and chemicals many times a day, and the clerk, in cleansing them, learns many a practical lesson in chemistry in the use of solvents and detergents. He should learn to cleanse utensils with quickness and despatch—a very important point, as a mortar or graduate is in use many times a day.

Before cleaning an implement, the first thing to consider is whether the vial or article you are about to wash is worth the chemical you will have to waste upon it. If not, then throw it away: if otherwise, the chemicals are not wasted. Do not count the labor, as it would be the same if merely washing with water. On any article use water first—pure water, or as pure as it runs from the hydrants—and next to that soap. You see I place water first, as it ought to be, in an apothecary's shop. Other people place soap first; but soap is incompatible with a great many chemicals employed in a drug store, and in some cases had better be left out altogether. Water will dissolve out most iodides, nitrates, sulphates, chlorides, etc., with which soap is incompatible, even if they are incorporated with fatty substances, as in ointments. We have known clerks to dash soap-suds right into a graduate which has contained tincture of iron, or solutions of lead or lime, and then have a graduate more difficult to wash out than before, while, if they had used water alone, it would have been cleansed readily.

Cheapness is the thing to be desired in your washing paraphernalia. Some druggists use powdered pumice stone, sawdust, sand brick, shot, wire, and paper: solutions of soap in diluted alcohol; solutions of caustic potassa in water; turpentine, ammonia, benzin, alcohol, ether, chloroform, hot water, and hydrochloric, nitric, and sulphuric acids. Some of the above are to be recommended, and others are not. For instance, powdered pumice stone is an excellent thing for scouring wedgwood mortars and brightening spatulas. It is also useful when introduced into bottles on paper, and a bent wire employed for scouring.

Dry sawdust is good for removing grease from mortars and spatulas after ointments have been made, and in soaking up oil and paint from floors when spilled. Sand brick is useful in scouring spatulas. Shot for washing bottles I do not re-

The Stearns' Serums

Reduction in Price.

An extended series of tests of Expired Serum has clearly proven that the Stearns Serum retains its labelled potency for three years from date of manufacture and even at five years the diminution in strength was only 33 1-3 per cent.

In compliance with U. S. laws we now label our Serum to expire at 18 months while there remains a further year and a half of assured potency.

This renders the old exchange system quite an unnecessary expense and this arrangement is now discontinued. We have accordingly reduced our list figures and increased the Druggists Discount to 40 per cent, and named the Doctors Discount at 25 per cent.

This will tend to direct all of the Doctors trade into the channels of the Retail Druggist and afford a margin of 66 2-3 per cent when sold to the consumer.

Frederick Stearns and Company
Windsor, Ontario. Detroit, Mich.

THE STEARNS' SERUMS

Reduction in Price.

Diphtheritic Antitoxin.

Old Price		New Price	Net to Druggist	Net to Doctor
2.00	1000 units	1.75	<u>1.05</u>	1.32
3.50	2000 "	3.00	<u>1.80</u>	2.25
5.00	3000 "	4.00	<u>2.40</u>	3.00
STREPTOLYTIC SERUM				
3.00	20 C. C.	3.00	<u>1.80</u>	2.25

The Stearns' Serums are conveniently stored by us from Halifax to Vancouver, where Retailers can secure the goods on the shortest notice, to be invoiced from this office

There is no danger of loss from expiration and no necessity of carrying large stocks on hand.

Further information cheerfully furnished on request.

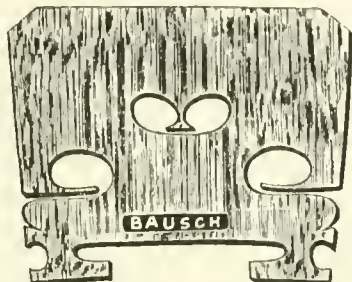
Frederick Stearns and Company

Windsor, Ontario.

Detroit, Mich.

You Would Laugh

—AT A—
SPECIAL SALE
OF



But it is the little things
that count.

Let us send you our Catalogue of
Supplies and Musical Merchandise.

THE R. S. WILLIAMS & SON, CO., Limited
TORONTO, - - - WINNIPEG.

You Have to Tell Lies

To sell the inferior qualities of any
kind of goods, but you make your
sales

(Lots of Them)

With a Clear Conscience

when you advise your customers to
buy the goods made by

**The Colonial Ink Co.,
Limited**
HAMILTON, CANADA

P. S.—It Will Put Money in Your Pocket

If you write for prices
and samples of the



"JAPANESE"
BRAND

Writing Inks and Mucilage

ROYAL BALSAMIC PLAISTERS

As supplied to the Army and Navy at Scutari Hospital.

Makers of every
Description of

PLAISTERS

In the most
Approved Form

Specialty: POROUS AND EVERY KIND OF RUBBER PLAISTERS

SURGEONS' RUBBER ADHESIVE

In 1 yard rolls, each yard in enamelled metal box ..
On metal spools, 10 yards on each ..

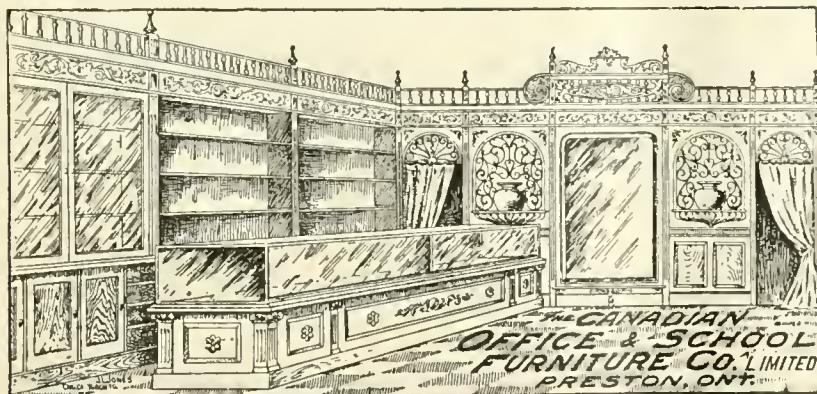
Width	1/2	1	1 1/2	2	2 1/2	3 inches.
Price	10/-	14/-	20/-	23/-	28/-	31/- per dozen.

Prepared only by the Sole Proprietors, **W. MATHER, LTD.,** Dyer Street, Hulme, MANCHESTER

London and Export Agents—

MESSRS. MACE & HALDANE,

94 MILTON ST., LONDON, E.C., ENG.



Show Cases

Shop Fixtures

Office Fittings

Store Fronts

**THE CANADIAN
OFFICE & SCHOOL
FURNITURE CO. LIMITED
PRESTON, ONT.**

SELLERS OF SOAP.

A limited Liability Company with a capital of \$200,000.00 in shares of \$50.00 has been formed to take over the business of Soap Manufacturing, which has been carried on for many years by the firm of A. Savage & Son. The business, however, remains under the same management, the change being due principally to the desire of the sole partner in the old firm to interest some of his employees in the business.

Besides this, was the idea that the change offered an opportunity to give to the trade a profit on all the Albert Soaps they handled.

While the wholesale price of **Baby's Own Soap** has never been changed since it was first offered to the trade, the retail price has been constantly reduced. Seeking to profit by its well known excellence and to draw trade for other lines, aggressive retailers have vied with one another in bringing down its selling price until now the public can buy it practically as cheap as the wholesaler.

The inevitable result is that many retailers object to sell it, and only the keen appreciation of users have enabled its sale to constantly increase. To-day, twice the quantity is sold in Canada that was sold five years ago.

A limited number of Albert Soaps shares is being placed on the market. By becoming shareholders in the Company retailers will share in the manufacturer's profit as well as their own. To give to all a good chance of securing an allotment this stock will be reserved exclusively for the Retail Soap Trade until September 30th; any stock left over then will be offered to the public.

The face value of the shares of \$50.00 and dividends will accrue from the start. Similar concerns are earning very large dividends in England and the United States, and shares bought a few years ago at par are worth very much more now. It is hoped that the Soap trade in Canada will avail themselves of our offer, and complete prospectus will be mailed on request.

ALBERT SOAPS, Limited,

Montreal.

Manufacturers . . .

Baby's Own Soap, Queen's Laundry Bar, Master Mechanics' Tar, Etc., Etc.

commend, not so much from fear of lead poisoning, but because there are better methods for the same purpose, and less expensive ones. Shot that has been thrown into a greasy bottle becomes coated with fat, and is unfit for further use, as it will only dirty the next bottle it is thrown into. The shot itself, when once dirty, is hard to clean, and had better be thrown away. A very handy instrument is the bent wire and paper. With a good steel wire bent into proper shape, and introduced into bottles, we can accomplish wonders. A piece of newspaper, moistened and sprinkled with powdered pumice stone, will scour out of a bottle all deposits of a resinous character. If the bottle has contained any solutions of iron salts, use hydrochloric acid. A bottle that has contained lime water, or in which lime has deposited, is most readily cleansed by hydrochloric acid. The same is true of oxide of zinc when used in a mortar for making ointments. A mortar, after zinc ointment has been prepared in it, if washed ever so much with soap and water, still causes a little water dropped into it to run into globules, showing the presence of zinc or other substance. A few drops of muriatic acid dropped into it will remedy this, forming chloride of zinc, a very soluble salt.

Nitric acid will best cleanse a vessel which has contained lead solutions, as the other acids form insoluble lead compounds. Carbonate of soda put into fish oil or codliver oil bottles, and allowed to stand a few hours, will cleanse them perfectly. A solution of crude potash is an excellent thing to keep on hand, as it is to be preferred to alcohol, ether, benzin, or chloroform in cleaning vessels which have contained resins, such as liquid styrax, tolu, benzoin, and all deposits of a resinous character; it is also useful in cleansing vessels which have contained Prussian blue. Alcohol is useful in removing chlorophyll. For ether or chloroform I have no use as cleaning agents, as they are too volatile and too expensive.

Hot water for grease is not to be recommended, because it is not handy to get, and it only melts the grease and causes it to float on the surface; when the water is poured out of the vessel the fat will still adhere to its sides, and have to be washed off with soap and water. Turpentine is useful in removing tar, wax, or resin. I never have had enough success with ammonia to recommend it. It destroys paint if put on counters or shelving, and makes windows look sneaky. The only thing it is good for is to neutralize acids that may have fallen on your clothing. Oxalic acid will temporarily remove tannate of iron stains. Use whiting, or better, precipitated chalk, on your plated show-cases, and rottenstone on brass work. A chamois skin is good to

brighten up things with, but a new one scratches and an old one, if washed, is hard and stiff.

And now we come to the last but not least important consideration, and that is the hands: all the above solvents and detergents will do for the hands if used in moderation and then immediately removed with clear water.

People come to the store with stained clothing or with dirty bottles purposely left so for the apothecary to clean out, they thinking and firmly believing that we have something with which we can clean these things with very little trouble, but any clerk who has attempted the task can testify to the contrary—Bulletin of Pharmacy.

CARE OF HOT WATER BOTTLES

By Fides

The water should be hot but never boiling. When filled about two-thirds full, expel the air as much as possible, and screw on the cap. Should it be too tight grease the screw with a little vaseline, as this being a mineral oil, will not harm the rubber. Always use clean water, as greasy or fatty water is inimical to rubber. When through, empty out water and hang up to dry. No matter how good a water bottle may be, never give a guarantee to the purchaser. I knew a druggist who was practically ruined because one he guaranteed burst and scalded a patient. The chemist was mulcted in heavy damages. So look before you leap, and don't guarantee in haste and repent at leisure.

DON'TS FOR TRAVELLING SALESMEN

Don't limit yourself to ten minutes when talking to a prospective customer, but talk as long as you think there is a chance to do good, but be dead sure that you don't talk too much.

Don't be a quitter, or say: "I can't sell this man," before you have talked with him.

Don't assume to know more about your customer's business than he does himself, for you can't make him believe it.

Don't "put on" a civility or formal manner which is not natural to you, and never try to flatter a man; sincerity is as commendable in business as it is in religion.

Don't beg a man to look over your line, as that makes it appear that you are short on argument, but rather explain to him that you have something in your line that he will find to be a bargain.

Don't recommend any drug put up by yourself or any other fellow solely because there is good profit in it. If the drug won't work, you'll lose a customer.

Formulary

SYRUP OF TOLU

The following is a French method of preparing this syrup which yields excellent results (Nat. Drugg.):

Tincture of Tolu	250 gm.	5 ozs.
Water	6 kilos=	12 lbs
Sugar	10 kilos=	20 lbs.
White of	one egg.	

Beat the white of egg to a foam, and mix it with 1 liter (1 quart) of water; then add the tincture of tolu, and pour the whole upon the sugar contained in a boiler. Now add the remainder of the water, and heat it as rapidly as possible to boiling over a fire, without stirring. Finally strain and filter. The brief boiling is necessary to separate the resinous constituents of the balsam.

MILLER'S THYMOL DENTIFRICE WATER

Thymol	gr. v.
Benzoic Acid	gr. xlv.
Tincture of Eucalyptus	3 iv.
Alcohol (90 per cent.)	3 iv.
Oil of Peppermint	m x.
Pharm. Zeitung.	

CAMPBOR SNOW

Agar-agar	3 Gm.
Water	150 Gm.
Stearic Acid	15 Gm.
Sodium Carbonate	10 Gm.
Oil Theobroma	15 Gm.
Water	100 Gm.
Alcohol	10 Gm.
Camphor	5 Gm.

Dissolve the agar-agar in 150 Cc. of water and strain. To 100 Cc. of water in a farina boiler, or any suitable dish on a water-bath, add the stearic acid and the sodium carbonate; after the carbon dioxide has been driven off, add the oil of theobroma and the solution of agar-agar; mix thoroughly by means of the egg-beater; then remove the container from the water-bath, or source of heat, and continue beating or agitating the mixture until a uniformly smooth lather, measuring about three times the volume of the contained liquids, results.

When nearly cold add the camphor, dissolved in the alcohol.

MILK OF CAMPHOR

Spirit Ammonia	5 Gm.
Oleic Acid	10 Gm.
Oil Cottonseed	20 Gm.
Camphor	1 Gm.
Water to make	150 Gm.

To the cotton-seed oil, in a dry bottle or suitable container, add the oleic acid, followed by the spirit of ammonia. In this mixture the camphor is readily dissolved. Now add the water in quantities of from 5 to 10 Cc. at a time, and shake or stir until a uniformly smooth emulsion

has been formed.—M. L. Wilbert, in Amer. Journal Phar.

POWDERED CASTOR OIL

Dr. D. Wassergug, in The Drogisten Rundschau, gives the following method of preparing castor oil in powder form. Add to the oil a nearly equal quantity, more or less, of burnt magnesia or of magnesium carbonate, and with the aid of water incorporate intimately. Now let dry, either by the aid of heat or spontaneously, to a solid mass, easily broken down and which, under the pestle, becomes a dry powder. The intimate union or mixture of the magnesium and oil may occur either by emulsion of the oil with gum arabic, added for the purpose, with the addition of magnesia, or by stirring or rubbing of the magnesium with water and subsequent addition of the oil to the mass thus produced. This is the subject of D. R. patent No. 159,999.—Nat. Druggist.

STAIN REMOVER

Extract Quillaya	1 part
Borax	1 part
Ox Gall Fresh	6 parts
Tallow Soap	15 parts

Triturate the quillaya and borax together, incorporate the ox gall, and finally add the tallow soap and mix thoroughly by kneading. The product is a plastic mass, which may be rolled into sticks or put up in boxes.

FRENCH LEATHER POLISH

Neueste Erfindungen und Erfahrungen gives the following:

Turpentine	50 parts
Shellac	100 parts
Alcohol	420 parts
Extract Haematoxylon	10 parts
Potassium Echromate	3 parts
Indigo Sulphate	5 parts

Melt the turpentine and shellac together, then pour into the alcohol and dissolve. Add the remaining ingredients in the order named.

ANTISEPTIC SOLUTION

Boric acid	13 Gm.
Sodium bicarbonate	8.5 Gm.
Benzoic acid	17 Gm.
Thymol	3 Gm.
Menthol	2 Gm.
Oil wintergreen	1.3 Gm.
Oil eucalytus	0.6 Gm.
Tincture Baptisia	9 Cc.
Alcohol	400 Cc.
Distilled water to make	1,000 Cc.

Dissolve the sodium bicarbonate and the boric acid in 300 Cc. of water. Dissolve the remaining ingredients in the alcohol. Add the first solution to the second and then add sufficient distilled water to make 1,000 Cc. Filter if necessary.

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Rough on Bed Bugs	Liquid, 15 & 25c
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SIDE LINES FOR THE DRUGGIST

In a leading editorial under this heading *The National Druggist* emphasizes what we have frequently brought before our readers as to various lines in which individual retail druggists may profitably deal. Our contemporary says:—

Ethics and professional dignity are all right in their place, behind the back shelves, the prescription desk and in the laboratory, but they should go no further. In the shop, in all matters of buying and selling, the tradesman must control.

We will admit that the druggist, since he woke up to this great fact, has been an apt pupil. As a class, he has learned much and learned it well. He has imitated the tactics by which the grocer of a few generations ago managed to rob him of the trade in many things once peculiarly his own, which are, indeed, secured to him, in some countries by royal grants, special municipal decrees, or acts of parliament, such as spices, sugar, coffee, tea, chocolate, etc., and much, of which, by the way, the grocer has still in his grasp, though some of them are peculiarly fitted for assimilation by the drug trade.

What, for instance, can be more suitable for the apothecary's stock than spices? Originally he controlled the trade in them, but let it slip into the hands of the "spicers," who, in turn, let the grocer monopolize it. Yet all the articles of this class are listed in the *Materia Medica* of all nations, and the druggist must keep a little of each to use in compounding his medicines or filling prescriptions—a few ounces of nutmeg, cinnamon, cloves, ginger, allspice, etc. Does it not seem like child's play, when he could have at least a good portion of the retail trade in these articles? What housewife would not greatly prefer to purchase them of the druggist than of the grocer provided, of course, that he sold them as reasonably?

Tea is another article peculiarly fitted for the apothecary's trade. Clean, fragrant, an article in demand every day more than most other of the *Materia Medica*, used by every convalescent and in every sick room—is there any reason, even in his "ethics," that encourages his selling a few grains of it, and forbids him to sell it by the ounce or the pound? Some druggists are already handling it, but their number is comparatively few, as compared to those who do not, and yet it pays a good profit, especially when a good article is handled. The same may be said in regard to chocolate, which is now kept by many pharmacists in the shape of comfits or confectionaries. Is there any good reason why he should not sell the article, both in the shape of cacao (or cocoa) and manufactured chocolate, for family use?

Passing from things to eat or drink the list of articles suitable for druggists' side line and as yet unappropriated is a long and varied one. One of the first that suggests itself is fishing tackle and goods for sportsmen generally. A great many druggists have taken on jewelry, and it is considered not only a suitable but a profitable line. Is there anything about fishing tackle that makes it less suitable or comfortable as a side line? It is clean, occupies little space, is bright and showy, requires little skill to show it to advantage and pays a very large profit. As for sportsmen's goods generally, such as powder, shot, caps, cartridges loaded and unloaded, a few fine guns and pistols, etc., what we have said about fishing tackle applies with equal force to these.

Cutlery, especially pocket knives, razors and similar articles, is another line admirably adapted for a druggist's side line. A few retailers already carry them, but it is by no means generally adopted, though it is said to be more than ordinarily profitable. Under this same head should come razor straps and other articles belonging to the outfit of the man who shaves himself. Under this head, too, should come scissors and light articles of the sort.

While, as we have said before, the drug trade is slowly taking on jewelry as a side line, we think that, as a class, they scarcely appreciate the line as a money maker. The profits yielded by it are large as compared with those of the drug trade proper, and it requires but a small capital to carry it. There are some large jewelry manufacturing houses that make a specialty of putting up stocks assorted to suit certain classes of trade and whose judgment may be relied upon in the matter with perfect impunity.

Lamps, chimneys, wicks, etc., constitute another inviting line for the druggist, and one which yields large profits. It is clean, simple, requires no particular skill to sell the goods and a stock such as the druggist would be likely to need occupies but little room.

A line that just occurs to us as one of which a large supply house has said, "if you can put in but one side line, by all means let that be glassware." It needs but to be displayed to be sold, and it is a line in which but a small amount of capital is necessary to make a most fetching display. As to profits, they are most excellent yielders. This suggests that the drug store is the very place for a line of ornamental chinaware and bisque goods—statuettes, plaques, busts, toys, etc., etc. These may be combined with cut glass goods, which do not cost such fortunes as they formerly did, when all of the ware of this sort were imported.

But why stretch out the list?

The druggist is in business to make money, and, what with having to share his legitimate trade in drugs, medicines, proprietaries, toilet articles, etc., with the grocer and dealers generally, the druggist must look to his own interests and regulate his stock accordingly.

PHARMACY IN THE HOLY LAND

The following interesting description is written by one of the writers for the *Southern Apotheker Zeitung*, of the pharmaceutical conditions in the Holy Land, especially of the pharmacies of Galilee, says a writer in *Ger. Am. Apoth. Ztg.* (West. Drugg.):

In Galilee, the northern part of Palestine, the drug trade is in the best condition. In the comparatively large principal harbor and commercial town, Haifa there are only two pharmacies, the German Apothecary shop and the Normal Pharmacy, the latter being owned by an Austrian of Trieste, who is not able to speak German. In outward appearance this Austrian pharmacy, with its large spacious shop, makes a more impressive appearance than the smaller German drug store. It is also distinguished from the other with its stock of bindings, bandages, trusses and similar articles, and contains besides a choice collection of powders and perfumes, toilet soaps and various toilet articles. While the German pharmacy does not carry perfumes and similar articles, but has its trade strictly limited to pharmaceutical articles, it makes quite an impression upon the professional man.

In the German pharmacy all things are arranged in exact order, as they are in all normal German pharmacies, so that nothing out of the ordinary strikes the eye of the critic. In passing from the pharmacy proper into the adjoining apartment, one is greatly surprised. It seems strange when a druggist carries walking canes, umbrellas and several other fancy goods and articles of luxury in stock, besides the pharmaceutical goods. In the Normal pharmacy in Haifa we find a complete bazaar business, with a variegated assortment of collars, shirts, umbrellas, sticks, headwear, enamel and porcelainware, earthenware, ladies' articles of all kinds, dress goods and toys. This side business apartment has an entrance from the street, but the customers are served by the druggist himself.

This instance shows the true situation of the business methods of the pharmacies of Palestine. When the Austrian druggist opened his business in Haifa, he prepared for business emergencies, for when the drug business is not at its best he is able to make his living out of side lines. If the druggists of Jerusalem and Jaffa would transact their business in the same manner they would have quite a profitable business, instead of hav-

ing to be contented with dry bread and a piece of watermelon for their dinner and supper.

The customers of the German druggist in Haifa consist chiefly of the inhabitants of the large and wealthy colony of the Wirtemberger Knights-Templar, who at first made Haifa inhabitable for Europeans by beautifying the city in general, though these Wirtembergers are such strong and healthy people that they are very seldom ill.

The Austrian druggist has as customers the few remaining Europeans, and both druggists have an equal part of the Turkish and Arabian inhabitants for their customers, who are advanced so far in culture that they have taken the doctor and druggist into consideration. The majority of the natives become sick or blind, or starve and die, without the aid of either doctor or druggist.

According to this state of affairs, we cannot advise a German druggist to settle in Haifa, unless he carries a line of groceries in connection with drugs, as there is no complete grocery in Haifa, and unless he combines with his business anything that might possibly pertain to pharmacy.

A very suitable location for a German pharmacy would be in Akko, about one and a half hours' ride from Haifa, which is quite a large and well to do town. The city of Nazareth, which consists almost entirely of a Christian population, would be a very good place for a pharmacy if it were not for the great number of convents, orphan asylums, hospitals and other missionary institutions. This is also the case in Jewish Tiberia on the sea, Genesareth, where the Scotch Jewish mission supports a hospital with a pharmacy.

In Tiberia there are also small Jewish drug stores, somewhat similar to those in Jerusalem. The medicine glasses and bottles which are set side by side on shelves were formerly used as jam and other preserve glasses. We see such things as tincture of iodine, spirits of sal ammoniac and insect powder, the latter a very necessary article in this city, where there are so many fleas and mosquitoes, and which sells at a high price. We were asked 25 cents for a small package of cotton, which we could have purchased for from 3 to 6 cents in Jerusalem. On noticing our disapproval of the price, he reduced it with alacrity.

Much worse than the harmless small Jewish druggists are the native Arabian medicine men who carry on their quackery and manipulations while praying to Mohammed for aid, which causes most of the incurable diseases of the eye and other ailments.

The Turkish government, however, allows almost anything as long as it is left in peace, and therefore, the European pharmaceutical conditions, which are so much desired by the European druggists in the Holy Land, are still a long way off.



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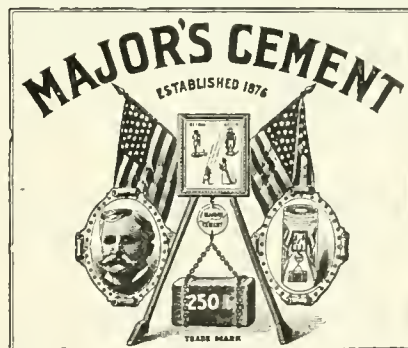
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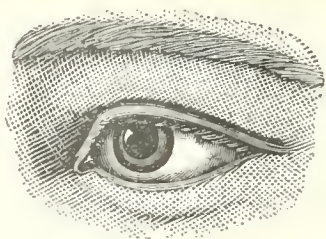
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PRESIDENT'S ADDRESS

Officers and Members of the Canadian Association of Opticians; Greeting:

Brethren,—Another year has rolled into the limber of the past since we last met in annual convention, and I meet you here to-day with the heartiest and most sincere wishes that it has dealt kindly with us all, and added another strand in that silken cord, another link in that golden chain that binds us to the throne above, from whence I trust we all realize that every blessing flows;

Brethren, we are a year older, are we a year wiser; have we grown in knowledge, in attainments, in capacity? Our globe has rushed through space, performed its evolutions, and returned from whence it started; have we like it merely performed our evolutions, or are we advanced a year in knowledge and experience; has the past year lifted us in our profession, made more perfect our work, imbued us with higher ideas of honor, of integrity, of personal worth, of more manly attributes; have we added by a year our increased value to the public, have we merited a greater share of their confidence, an increased amount of their patronage and thereby profited in general prosperity? from general observation I can fairly answer these questions in the affirmative, your presence here to-day endorses it, and your enthusiasm confirms it.

Let us therefore go forward into another year with the "hope that enlivens life's track," with the determination to "never weary in well-doing," and I exhort you at this Convention to give the "right hand of fellowship" to each other and rejoice in each one's happiness and prosperity.

The formation of the Association is a conspicuous feature of the past year. The newly formed Association comprises a number of enthusiastic and honorable opticians, and their efforts to obtain legal recognition are worthy of all praise, and it is to be sincerely hoped that their heroic endeavors to protect the optical welfare of the public will ultimately be crowned with success. Correspondence received on this subject will be laid before you.

Two important resolutions are put upon the programme for your consideration, and I recommend you to give them full and free discussion.

For my part, I do not believe we can have a better title than that of "The Canadian Association of Opticians," and that if we want to form

a body of optometrists, we can follow the precedent of the British and American Associations, and leave our present organization intact.

Another question that I deem worthy of your consideration is, how far it is consistent with the dignity and fair dealing of the wholesale optical houses to supply glasses at retail over their counters. If this is done strictly in accordance with our recognized minimum list, this is fair, but when under any subterfuge they supply them at the schedule price as furnished the trade, and so cut the price even to our own patrons, then the practice is most reprehensible.

Also, how far it is consistent with the dignity of membership in this Association for any of us to stoop to the unfair practice of belittling the capacity, or casting aspersions on the integrity of each other; of course, I do not wish to advocate the assumption that the mantle of this Association can possibly shield any wrong-doing; far from it. I would go further and say distinctly, that any person shielding himself under the guise of the title, "optician," who resorts to nefarious practices, should have no place in our ranks, but on the contrary should receive the united contempt which such unrighteous conduct justly merits; in fact, membership in this Association should ever be regarded by ourselves and the public as a bond of good character, and that by frowning upon all wrong-doing we should make it more than ever patent "that the way of the transgressor is hard."

As a further cementing of the "tie that binds" the British Optical Association has been graciously pleased to select a representative of our Association from each of the Provinces of Ontario and Quebec, in the persons of Past President Edward Culverhouse and your present President respectively, and have elected them honorary members of that erudite and well organized body of scientists.

I feel assured that all the members of our Association will rejoice thereat, and fully reciprocate the kindly feelings thus expressed. I would recommend a fitting resolution in recognition thereof be passed by you at this annual meeting.

All of which is respectfully submitted.

Yours fraternally,

Samuel S. Grant, B. O. A., President.

GOOD SHOW CARD PAINT

A useful recipe for sign and show card paint is given by a merchant who has been successful in this way.

"Buy from a dealer in dry colors 5 cents' worth of the following: Crome yellow, carmine, burnt umber, crome green, lamp black, white lead, ultramarine blue. Procure a case knife and a sheet of glass, then a bottle of mucilage. Deposit the

colors, one at a time on the sheet of glass and add to the dry color enough mucilage to make a salve. Use a half dozen tin salve boxes and into these boxes put the various colors after they have been mixed with the mucilage. When you desire to use a color, dip your brush in warm water, pass it over the surface of the paste in the box and you will discover that you have as fine a color paint for show, cards as you can buy anywhere. You can modify the colors by uniting the light and the dark ones."

HOW THE PHARMACOPOEIA IS PUBLISHED

Prior to the 1890 edition, the Committee on Revision of the U.S.P. sought a publisher as would an individual author of a new book. The convention of 1890 made a new departure and instructed the Committee on Revision to secure the copyright for the revised Pharmacopoeia. A contract was made with one firm to print the book and with another to act as selling agent. The Committee on Revision realized a good profit which was used in covering the expenses of the work of revision and paying the members a small honorarium. The convention of 1900 inaugurated a new plan by adopting a constitution and by-laws and taking steps which resulted in securing papers of incorporation for the United States Pharmacopoeial Convention. The constitution provides for a board of trustees of five (with the president of the convention and chairman of the Committee on Revision as ex officio members) in addition to the usual Committee on Revision. To the Board of Trustees is entrusted the transaction of all business including the publication of the manuscript prepared by the Committee on Revision. The work has now reached that point where some idea can be given of the magnitude of the undertaking.

The printing began in June, 1904, and progressed steadily until June 17, 1905. At that time, an imperfect sample copy was printed in order to obtain measurements for the size of cloth and leather sheets to be used in binding. The first complete unbound copy was furnished June 24. Then followed cloth bound copies. The first edition consisted of 10,000 copies. This was printed in two runs, the first of 2,000 copies and the second, two weeks later, of 8,000 copies. This division of the edition was made in order that the chairman of the Committee on Revision could be notified of typographical and other errors discovered in the 2,000 copies and have the corrections made in the plates before the 8,000 copies were printed. The chairman states that no serious errors were discovered, but, of course, it was desirable to correct typographical errors, even as small as the omission of a bracket or an apostrophe. The second edition of 5,000 was ordered

bound July 21. A third edition has been printed and will be bound as soon as the distributing agent can give an idea of the styles of binding desired.

Of course, corrections have been made in the plates for each edition as fast as errors were pointed out to the chairman of the Committee. The different editions are designated by the serial letter on the printed coupon in the front of the book. "A" designates the first edition of 10,000, "B" the second edition of 5,000, "C" the third edition of 5,000. The fourth edition will bear the letter "D." It is estimated on good authority that at least 20,000 copies will be sold before January 1, 1906. The Board of Trustees will use the profit on these volumes in paying the expenses already incurred, and, as soon as possible, send the members of the Committee on Revision checks for the honorarium voted by the Board of Trustees at the annual meeting in May and announced in the report of that meeting.

Errors in the Pharmacopoeia should be reported without delay to Professor Joseph P. Remington, 1,832 Pine Street, Philadelphia, Pa., so that corrections can be made in the plates before another edition is printed. Criticisms and suggestions for the next revision should also be mailed direct to Professor Remington. Requests for permission to use portions of the texts of the Pharmacopoeia in commentaries, works of reference, text books and other similar publications should be made direct to the chairman of the Board of Trustees, Charles F. Dohme, Baltimore, Md.

Neither the Board of Trustees, nor the Committee on Revision members have anything to do in their official capacity with the National Formulary. This work is published and revised by the American Pharmaceutical Association, of which Charles Caspari, Jr., Department of Pharmacy, University of Maryland, Baltimore, Md., is the General Secretary.

The convention to arrange for the ninth decennial revision of the Pharmacopoeia will be called by the President, Dr. Horatio C. Wood, for May, 1910.

Henry M. Whelpley, Secretary,
United States Pharmacopoeial Convention.
August 12, 1905.

The retailer who speculates, who buys a quantity to get a price, no doubt picks up some good snaps. But we doubt whether, in the long run, he ever makes as much money as he would have made had he handled more items and turned his stock oftener.

We cannot say too often: The safest profit a retail store can make is one that compounds every time the stock is turned.

A COMMON SENSE TALK, TO DRUGGISTS

(FROM THE APOTHECARY.)

"The World's Dispensary Medical Association has done more to make history in the last two years than any other proprietary medicine concern in the world. Last year Dr. Pierce led the 'Washington Promise' committee in their city organization work for better prices. This year with the 'St. Louis Club,' he is performing wonders with city schedules. Soon after the last N. A. R. D. Convention he made his fellow proprietors open their eyes by 'cutting off,' as wholesale agents one of the largest jobbing firms, McKesson & Robbins, of New York. When the Ladies' Home Journal made its recent general attack on patent medicines, Dr. Pierce, apparently, was the only manufacturer who cared to fight, and the result in his case has been a humble apology and acknowledgement of error by the Ladies' Home Journal and the probability that he will soon receive a big verdict for damages. But to crown the work of this great firm came the announcement that, beginning the first of April, the ingredients of his famous medicines the 'Favorite Prescription' and 'Golden Medical Discovery' would be printed on every bottle leaving their laboratory."

"There are two conclusions for the pharmacist to draw from the above story and they are that the World's Dispensary Medical Association is active and consistent in their friendship for the retailer and that they have the kind of goods that bears scrutiny."

IT IS A LEAD THAT YOU CAN FOLLOW!

As most physicians *insist* on knowing the make-up of the various compounds which they prescribe, so it is quite natural that most druggists as well should prefer to handle **medicines of known composition** rather than those of the constituents of which they are wholly ignorant.

Then, too, many greatly prefer to sell medicines of non-alcoholic character, to those containing a large percentage of spirituous liquors.

Dr. Pierce's medicines are strictly non-alcoholic, chemically pure glycerine, of proper strength, being used both for extracting and preserving their active medicinal principles.

The ingredients of Dr. Pierce's medicines are **KNOWN TO YOU**. The best authorities on *materia medica*, such as Drs. Bartholow, Wood, Bache, Hare, Scudder, King, Coe and Ellingwood, recommend the ingredients used in making Dr. Pierce's medicines. Dr. Pierce's medicines **sell ALL THE YEAR AROUND**. They are generously advertised. **You can afford to recommend Dr. Pierce's medicines.**

SEND FOR WINDOW DISPLAY MATTER,

reproducing the medicinal plants in Dr. Pierce's remedies in beautiful colors.

World's Dispensary Medical Association, Proprietors

No. 663 Main Street, Buffalo, N. Y.

The Martin, Bole & Wynne Co.

WHOLESALE DRUGGISTS

AND IMPORTERS OF FINE DRUGGISTS' SUNDRIES

CORNER OF PRINCESS AND MARKET STREETS

WINNIPEG, MANITOBA

COMING WEST?

SHOULD you desire to come to the great North-West, either to engage in the drug business for yourself, or to take a position as a clerk, we may be able to assist you.

We are constantly in touch with every section of Western Canada, and we shall be glad if we can be of service to any one, desiring information, as to location, etc.

WRITE US

IT DOESN'T PAY

To wait for associations to do for you what you ought to do for yourself.

To stand by those who don't stand by you.

To be dishonest to-day, to-morrow or any other time in the future.

To remain ignorant of the constant changes which are daily taking place in pharmaceutical knowledge and which inexpensive drug Journals can keep you posted about.

To run out of goods which we can supply. Write for them.

The Toronto Pharmacal Co.

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MERCK'S REPORT

A PRACTICAL JOURNAL OF PHARMACY,

Containing Most Recent Information on
New Remedies, Dosage, etc.

SUBSCRIPTION PRICE, \$2.00 PER YEAR.

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Your Character

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NOTE.—Lessons given.
Write for Terms

"KINDS THAT SELL"



H. PLANTEN & SON Established in New York in 1836
"Pioneer American Capsule House"
HAVE REMOVED to NEW LABORATORY
93 HENRY STREET - BROOKLYN, N. Y.

BOTANY OF THE WOODS

I've been meandering in the green wood, on this
 clear vernal day,
 And I've gathered up these flowers, that sprang
 there, from the clay;
 They grew near yonder thicket, in a moist and
 shady dell,
 Just where the dog's tooth violet (1) droops
 down its dainty bell,
 Where welcome pink spring beauty (2) new life
 and health receives;
 How sweet the little petals are, and linear lance-
 shaped leaves,
 And where the sharp-lobed liver-worts (3) spread
 out their sepals blue,
 Whilst near are purple panicles of early meadow
 rue (4);
 There also tall and slender scapes of Dutch-
 men's breeches (5) rise,
 And hang their waxen whitish hearts, all winning
 to the eyes,
 Large white and purple trilliums (6-7) their spot-
 less lilies bear;
 How well the three-leaved whorls show off their
 blossoms fair;
 Behold! the slender wind flowers' (8), bright
 harbingers of spring,
 And tender purple violets (9), that fragrant now,
 I bring;
 Adjacent to the creek there grows the glad marsh
 marigold (10),
 Its cordate leaves and sepals gay to sunbeams
 bright unfold;
 Nearby the white wood sorrel (11) lifts up its
 star-like head,
 How lovely are its petals pale, splash'd with
 their veins of red;
 Then what are flowers but emblems true of God's
 great power and love,
 When at the resurrection morn we rise to realms
 above.

George Tester.

Mt. Forest, May 15, 1905.

P. S.—The following are the correct botanical
 names of the flowers mentioned above: (1) *Ery-
 thronium americanum* (the yellowadder's
 tongue); (2) *claytonia virginica*; (3) *hepatica
 acutiloba*; (4) *thalictrum dioicum*; (5) *dicentra
 cucullaria*; (6-7) *trillium grandiflorum* and *erect-
 um*; (8) *anemone nemorosa*; (9) *viola cucullata*;
 (10) *caltha palustris*; (11) *oxalis acetosella*.

DRUG REPORT

Toronto, Sept. 26, 1905.

Business during the past month has been de-
 void of any startling changes in prices; there are
 a few minor fluctuations for which see price list.

Business has been particularly good and the
 prospects for the fall trade are such as to be
 very encouraging.

Opium is considerably higher, which, of course,
 affects Morphia Salts and Tincture Opium par-
 ticularly.

Cod Liver Oil shows signs of stiffening in price,
 probably values will be a little higher as the
 season opens.

Crude Antimony has advanced very much in
 price.

CHANGES IN PRICES

A. Advanced.	D. Declined.	
A. Acid Citric	lb.	.55
A. Acid Citric Powd.	lb.	.60
D. Calcium Lactophosphate	oz.	.20
D. Calcium Sulphite	oz.	.20
D. Copper Sulphate Pure	lb.	.30
A. Bayberry Wax	lb.	.70
A. Iron Arseniate	oz.	.20
D. Mercury Bichloride Powd.	lb.	\$1.10
D. Oil Wormwood	oz.	.35

NEW GOODS

Acid Fluoric C.P.	lb.	\$1.10
Potassium Caustic, strictly C.P.	oz.	.20

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc., 50 cents for 25 words or less;
 subsequent insertions 25 cents. Send cash with order.

FOR SALE

Eight second-hand show cases in good order. For
 sale cheap. Apply to Box 63,
 Listowel, Ont.

SPECIAL ATTENTION

I buy and sell Drug Stores exclusively. Expert
 service. Special plan. Drug men furnished positions.
 Employees furnished. It will pay you to write for
 particulars.

F. V. KNIEST, R.P.,

"The Drug Store Man."

624 N.Y.L., Omaha, Neb.

LEARN TELEGRAPHY
& R.R. ACCOUNTING

\$50 to \$100 per month salary assured our graduates under bond. You
 don't pay us until you have a position. Largest system of telegraph
 schools in America. Endorsed by all railway officials. Operators always
 in demand. Ladies also admitted. Write for catalogue.

MORSE SCHOOL OF TELEGRAPHY

Cincinnati, O.; Buffalo, N.Y.; Atlanta, Ga.; La Crosse, Wis.; Texarkana,
 Tex.; San Francisco, Cal.

FOR SALE

Small, clean, nearly new stock of Drugs, Sundries
 and Groceries, with small amount of handsome Fix-
 tures. Would divide stock, and, if quick reply,
 would sell at bargain.

LOCK BOX D, Paisley, Ont.

BE HONEST IN ADVERTISING

Don't use statements in your advertisements that indicate false representation of goods or prices. The people can detect a falsehood in an advertisement with more accuracy than the advertiser who placed it there. He may have fooled himself when he put it into his ad., but he can't fool the people. They are as good judges of human nature as he is, and the man who thinks he can succeed by fooling the people makes a mistake when he allows his ads. to convey that intention.

The public cares more for honesty in the statements of a store than it does for price and goods, and if you can convince a man that he is getting a square deal he will give you his trade, regardless of how competitors cry "cut prices" at him.—*Lx.*

THE USE OF POST CARDS

The use of post cards has grown to an enormous extent, which has been largely swelled by the extraordinary favor with which pictorial and souvenir cards have been received by the general public. The latest figures to hand show that Germany stands first with a total of post cards passing through the mails in one year of 1,161,000,000. The United States comes next with 770,500,000, followed by Great Britain with 613,000,000, Japan with 487,500,000, Australia with 291,000,000, British India with 254,000,000, and Russia with 114,000,000. These are the principal countries using cards.

It is said that the total for Germany is largely increased by the use of pictorial cards by foreign tourists. A striking feature is the prominent standing of Japan in the list.

As regards letters the United States is first with 4,109,000,000; Great Britain is second with 2,597,000,000. Germany had 1,648,000,000 and France 844,000,000.

PHILATELY

The word "Anotido" on the 1868 issue of Mexico means registered or accounted for.

The one cent orange, 1864 issue of the Confederate States, was never put in use.

The finest collection of stamps in the world is that of the British Museum. The collection is valued at \$200,000.00.

The first stamp ever surcharged was the $\frac{1}{4}$ rp. Carmine 1855-1856 issue of Cuba.

Japanese stamps are used in the Island of Formosa.

It is claimed that the journals devoted to Philatelics throughout the world have about 190,000 subscribers.

The rarest stamp is, doubtless, the one cent 1856 of British Guiana, only one specimen being known to exist at the present time.

A Roumania Moldavia, 1854 issue, blue on blue, unused, with nearly full gum and margins, was sold in London recently for \$1,100.

The \$60.00 newspaper stamp of the United States is the largest stamp in face value that has ever been issued.

The first triangular stamp was the one penny, Cape of Good Hope, issued in 1853.

The Lewis and Clark Exposition of Portland will not be advertised by a special commemorative series of postage stamps.

The carrier pigeon is depicted on the first stamp issued in Switzerland, the $2\frac{1}{2}$ r. issued for use in the Canton of Basle in 1845.

The letters "C.R." on early Fiji stamps stand for "Cokamban Rex"—a Fiji chief of that name being the reigning sovereign of the islands at the time the stamp appeared.

It is stated on a reliable source, that the stamps of Corea are to become obsolete, the postal service of that country being taken over by Japan. At an early date Japanese stamps will be in use throughout Corea, and as there is no very great stock of remainders, the Corean stamps are likely to advance in value.

INVENTIONS OF INTEREST TO DRUGGISTS

758,109. Tooth-Brush. Harry E. Sandiford, New York, N.Y.

Claim.—The combination of a bulb, a handle member extending through one side of the bulb and out at the other, a brush arranged at one end of the handle member, said handle member having a bore communicating with the interior of the bulb at one end of said bore and opening into the brush at the other end of said bore and also having a port where it penetrates the bulb at said other side thereof, and check-valves arranged in said bore and port and opening in the direction of the brush end of the handle, substantially as described.

758,597. Vaccine-Point. Harry K. Mulford, Philadelphia, Pa.

Claim.—As a new article of manufacture, a vaccine-point having a surface etched so that it will be wet by a liquid, substantially as and for the purposes set forth.

765,943. Process of Making a Substitute for Cod-Liver Oil. Earl F. Tollner, Bremen, Germany.

The process of manufacturing a substitute for cod-liver oil, which consists in drying and roasting marine algaecious plants, extracting the dry parts by a fatty oil, shaking the mixture of the vegetable parts and the oil during the extraction, and separating the oil from the said parts, substantially as described.

The Canadian Druggist

VOL. XVII.

TORONTO, NOVEMBER, 1905

No 11

The Canadian Druggist MONTHLY.

WILLIAM J. DYAS, PUBLISHER

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

Telephone, Main 3203

TORONTO, ONT.

Cable Address: SAYD, TORONTO

OBSERVE THE LAW

When there was no law in existence regulating the sale of drugs and medicines, no one was more insistent for the framing of such a law than the pharmacist.

The indiscriminate sale of drugs by vendors of every description was admittedly wrong and those who had spent time and money in preparing themselves as qualified pharmacists, took very strong ground in asking that not only should their rights as chemists and druggists be recognized and protected but also that the public should have protection through the framing and putting into force of such a law as would regulate the dispensing and sale of drugs.

The Legislatures of this and other provinces enacted such legislation as was desired and the "Pharmacy Acts" as now in force are excellent models of their class.

When, therefore, we have such legislation, which has proved an undoubted boon to the druggist as well as safeguard for the public it should be the aim, especially, of those at whose instance the law was brought into existence, to conform to its provisions in every detail.

One of the strong points made in advocacy of the measure was that the sale of poisons should be confined to those persons only who were fitted to handle them from their knowledge of their properties and uses and, consequently, the act gave the sale of these articles, such as are enumerated

in the "Poison Schedules" of the various acts, into the hands of qualified druggists.

When, therefore, we have a druggist testifying in a court of law, as was the case recently in Toronto, that the registration of sales of poisons was not strictly adhered to and inferred, in fact, that the law was "honored more in the breach than in the observance of it," it is an acknowledgement of neglect of duty that calls for strong remonstrance.

In speaking for druggists generally, we cannot, and do not, believe that this neglect to register sales is general amongst the profession, but at the same time it is to be feared that the testimony of this individual druggist points to a slackness, to put it mildly, in carrying out the provisions of the act that must be condemned.

If we look at it from the standpoint alone of the welfare of the trade, speaking commercially, it must convince every thinking man that such a policy cannot fail to shake the confidence of the public in the professed protection of their interests, and, if there is one point more than another which should be made plain at this time of commercial rivalry, it is that the druggist is in every way worthy of the confidence which he solicits and is especially concerned in carrying out any law which protects the well-being and safety of the purchasing public. The conscientious carrying out of any law on the statute books is the imperative duty of all and it is to be hoped that where any druggist has through carelessness neglected to comply with the act in the matter mentioned, he will see to it that in every instance there will be no cause for such a humiliating confession as that which happened in this city.

THE DUTY OF THE HOUR

Saturday, the twenty-first day of October, was loyally celebrated throughout Canada as well as the British Empire generally in honor of the brave deeds of Nelson, the hero of Trafalgar, the man who gave utterance to that motto now so famous in history, "England expects every man will do his duty."

This duty in fighting the battles of one's country is amongst the noble acts which citizens of the Empire are called upon to perform with zeal and patriotism, but there are duties also in com-

mercial life which call for an equal amount of zeal and a degree of enthusiasm quite as fervent as in military matters.

The Price-Contract Plan has been adopted in order to regulate the retail prices of those proprietary medicines which have been put on the market and their sales safe-guarded so that only those who contract or agree in writing to maintain full prices, can obtain supplies. This plan although undoubtedly in the end benefitting the manufacturer also, is primarily intended and does guarantee to the retailer a satisfactory margin of profit and makes it certainly worth his while in promoting the sale of any price protected goods.

It is clearly, therefore, the duty of every druggist to help in every reasonable way the sale of goods which are so safe-guarded for his benefit, and in every instance to co-operate with the manufacturer in his efforts to confine the sale of goods to their legitimate channels.

We are not amongst those whose enthusiasm would go so far as to "boycott" or attempt to kill the sales of those proprietary medicines which have not as yet been listed on the price contract roll of honor, but we believe it to be the duty of every retailer to further the work which has been so faithfully carried on by the committee who have the matter in hand and thus show those manufacturers who have not yet adopted this plan that it must be to their advantage, not only in regulating where their goods shall be sold, but also in establishing amongst the trade an interest in those lines which yield a profit sufficiently large to make it worth their while.

Let the trade act unitedly and as is their duty in furthering the carrying out of the plan and showing their appreciation of the efforts made to put a stop to cut rates, for persistent effort and co-operation will be the most potent factors in inducing other manufacturers to adopt the same methods of placing their goods.

MODERN APPLIANCES IN THE DRUG STORE

The modern drug store as compared with that of even 25 years ago presents an appearance which is more in keeping with the acknowledged taste and good judgment of the educated pharmacist than was exhibited at the time when "professional" pharmacy reigned exclusively, neglecting in a large measure that which is now termed the "commercial" aspect of the business.

With the advent of labor-saving appliances in all branches of mechanical and agricultural machinery, we have also in the mercantile world many innovations, the majority of which tend to combine neatness, accuracy and saving of time and labor.

We have on one or two occasions called the attention of druggists to the desirability of using

the typewriter, not only for ordinary letter-writing and making out orders for goods, but also for advertising purposes by sending out typewritten personal letters calling attention to special lines of seasonable goods and perhaps above all the most important at least in the eyes of the physician as well as the general public, for writing the labels for prescriptions.

It must be admitted that the art of penmanship is one that is not always at its highest standard even amongst those who are otherwise the most highly educated, and nothing creates a worse impression than a poorly written label, which is in some cases even unintelligible.

And not only does it appeal to the physician and public as a mark of carefulness and progressiveness on the part of the druggist, but it gives to the pharmacist using it the distinction of being thoroughly modern and up-to-date indicating a line which must necessarily pervade his whole business and consequently insuring greater confidence in the minds of his customers.

Another valuable help from the typewriter is the preparation of personal letters as advertising appeals. This has been proved to be one of the most effective forms of advertising and the beauty of it is that it appeals so directly coming as it does in the form of a letter. This typewritten letter can be made still more useful and time saving by the use of a duplicator which enables the writer to run off a number of copies from the one letter.

Other appliances which tend to simplify work, increase the effectiveness of effort and save time and money are also to be found in the loose-leaf ledgers and other useful desk appliances which the wide awake pharmacist will put into use if he would keep up with other branches of mercantile activity.

SUIT FOR DAMAGES

The editor of the Ladies' Home Journal is making a determined onslaught on patent medicines, no doubt as an advertising scheme. Unfortunately, the statements made in some of the articles have been so untrue that the readers place but little reliance on what now appears.

It will be remembered that somewhat over a year ago Dr. R. V. Pierce, of Buffalo, N.Y., entered suit in which he claimed \$200,000 damages for certain libelous statements made, and shortly after an apology appeared in the journal, confessing that some of the charges were false. In a recent issue of the journal it was implicated that The Peruna Co., of Columbus, Ohio, was using the name of Congressman White, of North Carolina, without any authority and were publishing a testimonial from that gentleman which was a forgery. It appears that Mr. White denied that

GRAND PRIX, ST. LOUIS, 1904

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Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline, Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin, Gallic Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorein, Strychnine, Terpin Hydrate, Etc.

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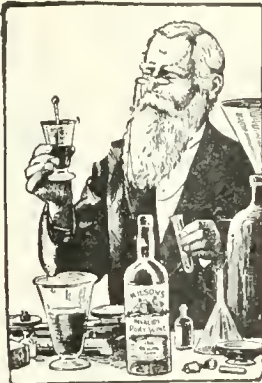
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A Pharmaceutical combination of pure Oporto with Peruvian Cinchona Bark, constituting a powerful tonic, possessing remedial properties of unparalleled value, making it a wonderful health restorer.

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Big Bottle \$1. Six Bottles \$5

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It is not necessary to go to college to learn pharmacy. We teach you by mail. Our graduates and students in 44 states, including Mexico, England, New Zealand, Canada, Prince Edward Island, India, British Honduras, Philippine Islands, Puerto Rico, Bahama Islands, Australia, and Newfoundland, will all testify to the great value of our course. We give exactly the same instructions given by the colleges at a decided saving of time and money. Our graduates are successful before the State examining boards. Write for particulars. Our terms are easy.

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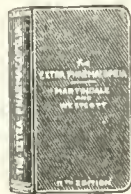
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The Extra Pharmacopœia

OF MARTINDALE AND WESTCOTT

REVISED BY

W. HARRISON MARTINDALE, Ph D., F.C.S.
and W. WYNN WESTCOTT, M.B.Lond., D.P.H.,
H.M.'s Coroner for North-East London.



London: H. K. LEWIS, 136 Gower Street, W.C.

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You Can Eat Onions, Breathlets Will Do the Rest

Boxes containing 40-50 pkgs., per box, **\$1.05**

Combination Cartons containing 280 pkgs. (equal 7 boxes), Counter Show Box and Window Display, per carton, **6.00**

Combination Cartons containing 120 pkgs. (equal 3 boxes), Counter Show Box and Window Display, per carton, **3.15**

The Breathlets Company, Limited
WINDSOR, ONTARIO

New Stationery

PAPER All descriptions; Bond, Parchment, Writing white and tinted, all sizes and weights.

"Orient" White Wove special new line.

SWISS CAMBRIC Note, Envelopes and Papeteries.

BRITISH PURE LINEN New make, special value, in Note, Envelopes and Papeteries.

ENVELOPES "Queen City" Business sizes, also Official, Court, Coin, Pay, etc.

GEM DESK CALENDAR PADS, 1906

FANCY OFFICE BASKETS Wonderful assortment.

INK STANDS Wood base, our own make.

OFFICE STATIONERY Every requisite.

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LEATHER GOODS New, fresh styles.

Brown Bros., LIMITED

51-53 Wellington Street West, Toronto

Chamois Vests —AND— Chest Protectors

Now is the time to look up your stock of the above goods. SAUNDERS & EVANS have a full line of vests for men and women; all **fresh, well-made goods.**

Our Special Chest Protectors are at a price that must appeal to every dealer. Our travellers are on the road and will show you samples. We would be pleased to send samples through the mail.

SAUNDERS & EVANS, Limited
—TORONTO, ONT.—

Druggists—Attention!

For your fall school trade we have the finest

JET BLACK SCHOOL INK
on the market.

WRITES **BLACK**—NOT BROWN
STAYS **BLACK**—NOT BROWN

Flows freely—absolutely no sediment. This ink is on the market for the first time this year and has taken the trade by storm; once used, school children will take no other.

Free Sample on Application.

Made in Canada.

The COLONIAL INK CO., Limited
HAMILTON CANADA.

he had ever used Peruna or wrote the testimonial, and the company allege that the denial was obtained through a misunderstanding and claim that the original testimonial was signed by Mr. White. The Peruna Company has now filed a suit claiming \$250,000 damages, on the ground that the charges made in the Ladies Home Journal are false.

THE SEASON AND THE OPPORTUNITY

If there is one season more than another during the year when both wholesale and retail merchants are most active in exploiting the sale of goods it is the fall of the year, following closely on the ingathering of the harvest, when money is plentiful and trade is, even under ordinary circumstances, bound to be of larger dimensions, in preparation for the winter's needs.

This year, if exceptional at all, is only so from the fact that the harvest throughout the length and breadth of Canada is of greater volume and consequently of much greater value than probably that of any year in the history of the country.

This means very much to our people, a much greater volume of money in circulation for the payment of debts incurred in the past and for extended purchases for the future, and a preventive of any "hard times" which in the natural course of events seems to recur in all countries at certain more or less protracted intervals.

The wholesale merchants and manufacturers are keenly alive to the possibilities of business during the next twelve months and are putting forward every effort to secure each one for his individual firm, a large share of the volume of trade which is to be obtained.

Our advertising pages are an evidence of this desire of the wholesaler, and the retail druggist who is on the alert to procure all that is new and attractive should not fail to read carefully all the advertisements in every issue, for it will be time wisely spent and means without any doubt that the keen business man cannot read these advertisements, a large proportion of which are fresh and new every month, without deriving financial benefit.

The advertising pages of the trade journal are now more than ever recognized as one of the most important, and to the reader the most profitable, portions of the publication, and we can confidently say that The Canadian Druggist has amply proved this by the excellent results obtained through the carefully displayed advertisements which it contains.

Don't underestimate your difficulties, nor overestimate them.

ANOTHER OPPORTUNITY

The special offer which we made last month is continued for another month, and we would urge every druggist to take advantage of it. It is seldom that such an opportunity presents itself of securing leading magazines at such a remarkably low figure. Just look at it!

The Canadian Druggist and The Cosmopolitan Magazine, the combined subscriptions of which is \$2.00 per annum, we offer both for \$1 per annum, paid in advance. And if you wish to include that excellent magazine The Review of Reviews, the subscription price if paid in advance for all three will be \$2.50, the regular price being \$5.00, or adding The Woman's Home Companion making \$6.00 worth, you can get the four publications for 12 months for \$3.00.

Send in your application with remittance at once if you desire to secure this bargain.

THE PROPOSED MERGER

A short time ago we referred to a proposed merger of the wholesale drug houses of Canada. The proposition originated, we understand at a meeting of the wholesale druggists' Association, where the problem of reducing expenditure was considered.

Since that time the movement has assumed somewhat of a definite shape, and the Committee, which had been appointed to secure options on the various businesses have, we learn, nearly completed their work, but are not in a position, as yet, to give out a statement, or to make any final report, so that the various items which have appeared from time to time in the daily papers are merely matters of conjecture. As far as we can learn no selections have been made of any officers, nor have any details been entered into as the scheme has not been far enough advanced to take up these matters. Probably within the course of the next thirty days something definite may be settled upon.

DEATH OF MR. B. LAURENCE

Mr. Barnet Laurence, founder of the Dominion Optical Company, died at his residence, 361 Sherbourne Street, Toronto, Oct. 24th, after an illness of a few hours. He is survived by a widow and one son, Frank, of Toronto, and two daughters, Mrs. David Goldberg, of Toronto, and Mrs. Laura Miller, of New York. He was a brother of Dr. Laurence, of this city, and has several brothers in England. He was born at Exmouth, England, and came to Canada in 1861. He served in her late Majesty's volunteer corps, and was a member of the Royal Geographical Society of England.

CANINE COMPLAINTS AND HOW TO TREAT THEM—NO. 1.

—
BY ARNICUS

In the following articles, it is the author's endeavor to give a few concise hints on the common diseases of dogs, in order that any emergency arising in the kennel may be promptly met, and remedied, if possible.

To keep a dog in perfect health, three things are absolutely essential, viz.: Air, exercise, and diet. A dog cannot be kept healthy unless he is regularly fed, and exercised daily in the open air. His food should at least be partly farinaceous (starchy), as a wholly animal diet, besides being too stimulating, is apt to produce constipation.

Brown bread and oatmeal porridge are excellent to prevent constipation, for their granular nature assists and stimulates the peristaltic action of the bowels. In cases where the bowels absolutely refuse to act, stop all animal diet, and give an enema of thin gruel, to which has been added a tablespoonful of castor or olive oil. This will usually have the desired effect, especially if the abdomen is gently kneaded downwards. In such cases the diet should be of a light nature, only gruel, oatmeal-porridge, milk, etc., being allowed. When the symptoms ameliorate somewhat, give boiled vegetables, flavored with broth, moistened dog biscuits and bread, gradually introducing meat into the diet. To stimulate the liver and further loosen the bowels give one or two 5 grain pills, prepared from the following mass:

Podophyllin Resin	1½ drams
Pulv. Acacia	4 drams
Ext. Coloc. Co.	6 drams
Syrup	5 drams
Mix secundem artem.	

Should there be a tendency to inflammation and fever, keep the animal warm, and administer small and frequent doses (2 to 5 min.) of Tinct. Aconite B.P., in warm milk. This will lower the temperature, and reduce the febrile condition. Aconite is always useful, and may be given in cases of cold or fever. It is a valuable remedy in all acute diseases.

(To be continued.)

BOTANICAL FIELD NOTES

By Prof. G. A. Tester

So far we have only dealt with plants belonging to the polypetalous (petals of corolla separate) division of the vegetable kingdom. We will now pass on to some examples found in the gamopetalous (petals of corolla united) division. Gamopetaleae include a wide range of natural orders, e.g., Compositae, Leguminosae, La-

biatae Folanaceae, etc. The N.O. of Solanaceae is a very important one in medicine, contributing very largely to our materia medica. I propose to dwell on it here. The order is characterized by many peculiar features which help to distinguish it from others. The plants contain a bitter, colorless juice, and may be pubescent and clammy to the touch, or emit a rank and foetid odor. The leaves are alternate, usually large, and roughly indented. The flowers are pentamerous, and pentandrous, and possess an inferior calyx. The ovary is superior, consisting of two cells, with axile placentation of ovules. The fruit is a many-seeded berry or pod. . . . Walking along the shores of Lake Ontario the other day, I noticed a plant that proved to be *Solanum nigrum* (the common night shade). It is a semi-procumbent herbaceous plant, of a spreading nature, possessing wavy-toothed ovate leaves, and small white flowers which hang in drooping umbel-like clusters. Taking this plant as an example of this N.O. we might classify it thus:

Sub kingdom, Phanerogamia; class, Dicotyledoneae; sub-class, Angiospermeae; division, Gamopetaleal, natural order, Solanaceae; genus, *Solanum*; species, *Nigra*.

Amongst the commonest of medicinal plants in this order the following may be mentioned:

1. *Solanum dulcamara* (bitter-sweet). This is a climbing plant, and bears auriculate, alternate, cordate, petiolate leaves; and purplish violet corollas, with bright golden-yellow anthers. The fruit is a bright red, poisonous berry. As its name implies, the plant has a bitter taste, which gradually becomes sweet. This is one of the few shrubs of this family. Cattle sometimes show serious symptoms of poisoning from eating bitter-sweet.

2. *Atropa belladonna* (dwale or deadly night shade). I believe this plant,—although indigenous to different parts of Great Britain—is mainly cultivated in Germany and in the southerly regions of this continent. It is said that not only can it be successfully cultivated in America, but that the active principles or constituents—therapeutic and otherwise—of such plants, are materially increased in value. *Belladonna* thrives well in a good liney, loamy soil, where there is an abundant rainfall. The leaves are acute and entire. The upper ones are arranged in pairs, and are said to be geminate, while the lower ones are alternate. The purplish flowers are followed by black, shining, superior, two-celled berries, similar to black cherries in appearance, but, of course, poisonous. The seeds are very valuable, being worth \$10 a pound.

3. *Datura Stramonium* (common thorn apple). It grows on dung heaps and waste places. Leaves large, ovate, sinuate; corolla white, funnel shaped.

EVERYTHING for the DRUG TRADE



Sold on 3 Months' Trial
Your money returned if not satisfied in every way.

ALWAYS READY FOR INSTANT USE
because the "Carbo-Magnetic" is electrically tempered and hollow ground in its own peculiar way. With ordinary careful use, it will hold its edge for years with

NO HONING - NO GRINDING

PRICES
Carbo- \$2.00
Magnetic -
Pair in \$4.50
leather case
Double Curved \$2.50
for heavy beards.

"Carbo-Magnetic" Elastic Cushion Straps, \$1.00.
Free booklet "Hints to Shavers."

If you are not selling the
"Carbo-Magnetic Razor"

you are losing an opportunity of making money. Sold on an absolute guarantee. The Manufacturer takes all the chances. All you have to do is to put out the goods. Our Travellers will explain how it is done.

You can sell a dozen razors by this method where you formerly sold one. Price protected. No cutting of price after introduced. Let us tell you about it. A post card will do. . . .

The Dominion Drug Co.,
 HAMILTON, ONT. Limited

THE ATTENTION OF DRUGGISTS IS CALLED TO THE FOLLOWING NEW STYLES OF

Vaseline Preparations

: : WHICH WE ARE NOW PREPARED TO SUPPLY: : :

Vaseline Camphor Ice —Trial size tubes—boxes of $\frac{1}{2}$ gross, (	\$9.50	per gross
" " "—Trial size square boxes—boxes of 1 gross, (	4.50	" "
" Cold Cream —Trial size round tins—boxes of 1 gross, (	9.00	" "
Capsicum Vaseline —Trial size collapsible tubes—boxes of $\frac{1}{2}$ gross, (	4.55	" "
Carbolated "—Trial size collapsible tubes—boxes of $\frac{1}{2}$ gross, (	4.55	" "
White "—Trial size collapsible tubes—boxes of $\frac{1}{2}$ gross, (	4.75	" "
Borated White Vaseline —Trial size collapsible tubes—boxes of $\frac{1}{2}$ gross, (	4.75	" "

The above prices are subject to our usual discount terms.

These new styles can be supplied only in the quantities contained in the original packages.

Chesebrough Manufacturing Company
 CONSOLIDATED

NEW YORK and MONTREAL



WALL PAPER

We have the factory equipment
—the shipping facilities—the
office system—the selling staff
—WE HAVE THE GOODS to
guarantee satisfaction and
profit to the dealer handling
our Wall Papers.

Have our Salesman Show You the Line, or Write for Samples.

STAUNTONS Limited

TORONTO

ELASTIC STOCKINGS

Silk and Cotton

HIGH STOCKINGS	KNEE CAPS
KNEE " "	ANKLETS
GARTER " "	WRISTLETS

GUARANTEED BEST ENGLISH MANUFACTURE.

They sell themselves

Send us your mail orders. WE carry YOUR stock which
is being constantly renewed.

The J. STEVENS & SON CO., Limited

145 Wellington St. W., Toronto

AGENTS FOR J. STEVENS & CO., LONDON, ENG.,

Refined

Beeswax

Trade Mark **W. H. B.** Registered
No. 29,519

Moulded in 2-lb. cakes with wrappers and packed in cases of about 130 lbs.; 1-lb. cakes, and packed in cases of about 130 lbs.; ½-lb. cakes and packed in cases of about 130 lbs.; ¼-lb. cakes, and packed in cases of about 130 lbs.; 1-oz. cakes, in 3-lb. parcels, and packed in cases of 54 lbs.

We will mould these goods in 4-lb and 8-lb blocks if
desired

W. H. Bowdlear & Co.

Boston, Mass.

Australian SHEEP DIP

AND

CATTLE WASH

NON-POISONOUS

Australia Sheep Dip Co., Sydney, Aus.

Sole Proprietors and Manufacturers.

AGENTS FOR CANADA :

KERRY, WATSON & CO.,

Montreal and London, Canada

ed. The dried leaves, when smoked, give great relief to the distressing paroxysms of asthma.

4. *Hyoscyamus niger* (henbane) is a large coarse herb, covered with glandular hairs, and emitting a strong, heavy narcotic odor. The leaves of the biennial plants are alone official. The handsome corolla is of a dull yellowish color, reticulated with purplish veins.

5. *Nicotiana tabacum* (tobacco) has very large entire leaves, which sometimes exceed 20 inches in length.

6. *Capsicum minimum* (pod or cayenne pepper) has a red pericarp about $\frac{1}{2}$ to $\frac{3}{4}$ of an inch in length. The potato, tomato, egg plant, and *pe-tunia* all belong to this family.

UP-TO-DATE STORE FURNITURE

It is stated by a progressive merchant in one of the southern cities that retailers in many cases buy furniture they do not need. In an interview with *The Commercial Bulletin*, he said that one could go into any store and find all sorts of apparatus which the merchant has accumulated in scheme deals of various kinds. The merchant thinks he has bought these fixtures for next to nothing because they came with merchandise, but a scheme proposition always costs the merchant all that it is worth and the piece of store furniture that comes with it is usually of the kind that works unsatisfactorily, wears poorly, and sooner or later is trundled into the back room.

This merchant says that enough money is wasted in cheap fixtures which always prove unsatisfactory to equip many stores with all of the up-to-date and high grade display fixtures they need.

This thought will undoubtedly strike home to many merchants. Hundreds of stores in the Northwest are endeavoring to find a place for cheap scheme-deal fixtures which never have given and never will give satisfaction. At the same time, continues *The Commercial Bulletin*, those merchants feel too poor to invest in a good showcase or a display stand which the store actually needs.

Cut out the schemes. Buy your fixtures and merchandise straight. Do not litter the store up with poor fixtures at any price. Save your money for the better scale, the better showcase, the better cabinet and the better display stand. Remember that you pay the full price for anything which comes with a scheme. When you examine the quality of the merchandise you will be convinced that this is true.

The back rooms or warehouses connected with hundreds and hundreds of stores are the clincher for this argument. Look at the pile of old cabinets, scales, poor showcases and other what-

not which the merchant has accumulated in cheap deals of various kinds. There they are in eternal rest. Nobody wants them and nobody but an inexperienced man in the business would have them in plain sight in the store.

PERSONAL REPUTATION

The personal reputation of the managers or leading clerks counts for a great deal in the success of a mercantile establishment, says *The Commercial*. The reputation of a business man is invaluable, and can be tarnished or destroyed only by the possessor. Jealous and mean-spirited competitors may attempt to injure a man's standing in business by false misrepresentations and all kinds of abuse, but their efforts are vain and harmless against a spotless reputation. It takes years to build up a reputation for correct and honest business methods, and, after all, its value is greater than any other advertisement. No matter how much money may be spent in printers' ink, unless the people have confidence in the merchant or manufacturer, it does not go nearly as far as it would if the honesty and integrity of the advertisers were unquestioned.

FORMULAE FOR THE DARK ROOM

The photographer who works many processes is wise not to trust to his memory for the numerous formulae involved. Most people keep some record of these, either neatly arranged in an indexed notebook or in the form of odd scraps and cuttings, the latter method or want of method being only one degree better than no record at all. One worker of our acquaintance has evolved a method which may appeal to those who cannot rely upon their memories for the number of minims of the different stock solutions necessary to compound the working developer. His plan originated in making pencil notes upon the sheet of canary medium, which formed part of the dark room lamp. Finding this useful, he has now divided a sheet of yellow varnished paper into sections in each of which is neatly typewritten the essential details of each of the developers he uses. The formulae are always at hand when wanted and can be read with ease even when the light is turned low down.

ZINC CHLORIDE

The statement that this has no disinfectant properties has been confirmed by Broese (*Deut. Med. Woch.*) working with anthrax and cholera bacilli. From experiments on rabbits, however, he concludes that if a wound be cauterized by this reagent, the scab formed resists infection by these organisms.

DEATH OF HON. G. T. FULFORD

As a result of a collision between an automobile and an electric car, Hon. George T. Fulford, of Brockville, Ontario, died at Newton, Mass., Oct. 15th. In company with Mr. Wm. T. Hanson, of Schenectady, N.Y., he was coming down a hill nearing Boston just as a car on the Boston and Newton Street tracks was crossing the street at a point where buildings obstructed the view. The chauffeur died the same day as the accident occurred, and it was thought at first that Mr. Fulford's injuries were not serious. They developed, however, into paralysis of the vital organs, which caused his death.



HON. GEO. T. FULFORD

George Taylor Fulford was born at Brockville, in August, 1852. As a youth he was an assistant in his uncle's drug store in that city, and about twenty years ago he started on projects which were destined to bring him fortune and fame. He negotiated with Dr. Jackson, of Brockville, for the purchase of a pink pill recipe, for a very moderate sum. From that time he prospered and "Pink Pills for Pale People" have carried the name of Brockville to the farthest ends of the earth, there being depots established in New York State, England, France, South Africa, Australia, New Zealand, Straits Settlements, Brazil and Argentine Republic. From his business he laid the foundation of a fortune which, by judi-

cious investment, it is said, is worth approximately \$5,000,000 to \$8,000,000.

Mr. Fulford was a director of the Toronto General Trusts Co., Ogilvie Flour Mills Co., Frost & Wood Co., and the James Smart Manufacturing Co.

The deceased was always an ardent supporter of the Liberal party, and, in recognition of his services to that party, he was appointed to the Senate in 1900. He also occupied a high place in the municipal life of Brockville before his extensive business interests called him abroad the greater part of each year. He was a member of the Town Council for twelve years, and was also a Water Commissioner. He married Mary Wilder White, daughter of Dr. Henry White, of Fort Atkinson, Wisconsin. Besides the widow he leaves three children, Mrs. Arthur C. Hardy, Miss Fulford and Master George.

HOW I MENDED A MORTAR

By John Chaloner, Digby, N.S.

An eight-ounce deep porcelain mortar was broken, down each side and across the bottom, in two pieces. I warmed it, smeared each broken edge with good liquid glue, took it to a stove store, where it was carefully set into a vise, at the right pressure, and allowed to remain a few hours, and placed in a warm temperature. Then used with the shop utensils, it has been continued in use as a pill mortar, etc., six or seven years, and is apparently good as new at present.

CITRAMINUM OXYPHENYLICUM

This is a preparation of Dr. Theobald, said to appear as a white crystalline powder of a pleasant, somewhat acid taste, and a creosote-like odor. It dissolves in 5 parts of water, the solution having an acid reaction. According to J. Zernik, in *The Apotheker Zeitung*, it is a mixture, in equal parts, of betralin (resorcino-hexamethylentetramin) and helmitol (anhydro-methylentetramin).

FUCOL

According to *The Pharmaceutische Zeitung* this is a succedaneum for cod liver oil, prepared from algae rich in iodine (like *Fucus vesiculosus*, for instance). These are roasted under certain conditions, pulverized and exhausted by some good oil (olive, almond, etc.). The resulting fucol appears as clear oil of an agreeable taste and odor, resembling somewhat that of roasted coffee.

The Bole Drug Co.

Wholesale Druggists

WINNIPEG. MAN.

We invite correspondence with parties
contemplating coming to the West to
engage in the Drug Business. Our
travellers cover the ground thoroughly
and we can give you valuable information.

EVERY DRUGGIST

can recommend with confidence any of our
preparations to his customers. Keep them
well stocked as they are trade winners.
Look up your stock to be ready for the
demand.

GRIFFITHS' MENTHOL LINIMENT, SMALL
GRIFFITHS' MENTHOL LINIMENT, LARGE
(Veterinary Size)

JAPANESE CATARRH CURE

CLARKE'S KOLA COMPOUND (for Asthma)

DR. COWAN'S HEADACHE CURE (Wafers)

DR. COWAN'S PILLS (Kidney and Liver)

MENTHOL WORM REMOVER (Tablets)

Order From Your Wholesaler
Write us for Advertising matter

**The Griffiths & Macpherson
Co., Limited**

TORONTO - - - ONTARIO

Liquorice...

Our prices and a sample of "ELLIOT" Brand
LIQUORICE will demonstrate to you that we are
supplying a grade of highest quality at prices com-
peting with inferior "filled" sweetened brands.
Our brand is made specially for ourselves in Italy
(Province of Catania.) Please let us quote prices
and send sample.

Rock Candy Amber, White
and Pink
55 lb. cases.

"E. & Co." Druggists' Confectionery

85c. per bottle, 6 bottles at 80c. each.

BLACK COUGH DROPS
MENTHOL COUGH DROPS
18 lb. pails.

Rowntree's Jubes and Pastilles

4lb. boxes, 1/4 lb. boxes, and 5c. packages.

**Hot Drink Specialties, Heaters
and Premiums**

Vigoral, Bovril, Nutri-Ox, Asparox,
Tomato Bouillon, Beef Cordial,
(all kinds.)

The hot drink habit is growing.

Condition Powder

A good live-stock
tonic will be in
large demand
shortly. To make
the most of your
opportunities you should buy our "Canadian
Cattle Spice" in bulk (a 100 lb. bag for \$4.00,) and sell it at your own price. We supply attractive circulars, and to help introduction sell sample packages holding about a quart each at 70c. doz. The formula is a select recipe, and all the ingredients are pure and prepared in our own mills.

Prompt despatch.

Special attention to letter orders.

The ELLIOT & CO., Limited
TORONTO

NEW ARRIVALS AND SPECIALS

Acetamide	Alypin	Quinoline
Acid Capronic	Amalgam with Soda, 10%	Tin Powder, fine
Acid Fumaric	Anisol	Tin Monosulphide
Acid Trichloracetic	Anthracene	Theobromine
Acid Dichloroacetic	Barium Chloride	Iron Nitrate xtls.
Acid Formic	Benzylamide	" Oxide Red
Acid Soda Phosphate	Benzyle Chloride	" " Brown
Amylene Hydrate	Copper Shot	" " Hypophos
Pepsin "Ray Brand"	Diaphenylamine	Laevulose
Phenylendiamine	Ethyl Butyrate	" Syrupy
Do	Ethyl Formate	Lead Powder
Rosaniline	Empyroform	

Lyman's La Grippe Cough Syrup

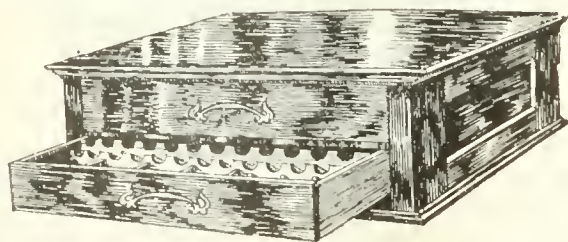
Allen's Lung Balsam	Liquozone Shaving Sticks	Brent's Hair Remover
Thy-ca-lol (Tooth Wash)	" " Cakes	Odol (English)
McCahey's Heave Remedy	Bazin's Depilatory	Palm Olive Soap
Shaver's Menthol Plasters	Thermalite Heating Bags	Lyman's Witch Hazel Cream
Liquozone Toilet Soap		

The LYMAN BROS. & CO., Limited

Wholesale Druggists

TORONTO

The Counter Label Cabinet



Is just the handiest thing that a Druggist can add to his Fixtures,

Every Label is held in its proper place in its own compartment and directly under your eye.

Labels may readily be removed singly with one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a single drawer, which may be fitted into your counter, only \$9.00. The latter holds 3 doz. labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.

LONDON, CANADA

"A Great Convenience in the West"

Is a common remark made in reference to

Chandler & Fisher

LIMITED
WINNIPEG

Mail, Telephone and Telegraph Orders for

TRUSSES, CRUTCHES, SUPPORTERS,
BATTERIES, INVALID CHAIRS AND
INVALID RUBBER RINGS, URINALS,
BED PANS, ETC.

Receive Prompt Attention day or night.

Your Patronage Solicited.

W. K. C. FISHER, Vice-Pres. & Mgr.

Trade Notes

F. A. Wilson is building a new drug store at Morden, Manitoba.

Higgs & Ward, druggists, Wetaskiwin, N.W.T., have dissolved partnership.

J. W. Yeomans, druggist, Sutton, Ontario, has gone out of business.

W. H. Cummings, Grimsby, Ontario, has sold his drug business.

F. A. Wilson, druggist, of Morden, has opened a branch at Darlingford, Manitoba.

J. H. Luckham has purchased the drug business of Chas. Law, Guelph, Ontario.

F. M. Pelletier, Victoriaville, Quebec, has sold his drug business.

J. Brown has purchased the drug business of L. R. Hurst, Ontario.

J. Rinn, Elm Creek, Manitoba, is about erecting a new building for a drug store.

The Speer Drug Co., Ltd., has purchased the drug business of A. Lanigan, Binscarth, Manitoba.

W. C. R. Allen, druggist, St. John, New Brunswick, has sold his stock in the Charlotte Street store.

Hon. G. T. Fulford, of G. T. Fulford & Co., proprietary medicines, Brockville, Ontario, died last month.

A. W. Bleasdale will shortly open up a drug store in Fernie, British Columbia.

The Moosejaw Drug and Stationery Co., Moose Jaw, Saskatchewan, have commenced excavating for a large addition to their premises on the corner of Maine and River Streets.

J. Rinn has purchased the drug business of Dr. A. D. Graham, Elm Creek, Manitoba.

The Speer Drug Co. has purchased the drug business of J. S. Stewart, Newdale, N.W.T.

The Speer Drug Co. has purchased the drug business of Dr. Evans, Rosburn, N.W.T.

An item which recently appeared stated that W. A. Vrooman had sold his drug business at Portage la Prairie. This we learn is a mistake. It was a branch drug store at Oakville, Manitoba, which he disposed of.

A new firm, the Speer Drug Co., Ltd., with headquarters at Shoal Lake, Manitoba, has been formed, and they have taken over the drug stores of W. H. Speer, of Shoal Lake and Birtle; Dr. Stewart, Newdale; Dr. Evans, of Rosburn and Dr. Lanigan, of Binscarth, and in future these stores will be operated under the company name with W. H. Speer, as manager.

Mr. T. P. Smith, druggist of Elora, Ont., died at the general Hospital, Toronto, Oct. 20th 1905.

Mr. J. L. Luckham, who recently purchased the drug business of Chas. Law, Guelph, Ont., died a few days after taking possession of the business. He had been in poor health for some time.

PERSONALS

We are pleased to learn that Mr. John Lewis, druggist, Montreal, who has been confined to his house seriously ill for some time, is again able to go to his business.

MR. CHARLES LAW GOES TO NEW YORK

Mr. Charles Law, druggist, who recently disposed of his business at Guelph, Ont., left for his home in Tillsonburg prior to his departure for New York. Mr. Law made many warm friends in Guelph, being prominent in the Wardenship of St. George's church, in the different chairs in the Masonic lodges, an enthusiastic bowler and a successful business man. He was made the recipient of a beautiful emblematic locket, set with diamonds, from Waverly Lodge, Guelph Chapter and the Preceptory. The Druggists' Association presented him with a handsomely engraved cane, and private friends with an elegant travelling bag and a pair of Persian lamb gauntlets.

ON A CASH BASIS

We are pleased to notice that the Retail Merchants' Association of Western Canada, the headquarters of which are in Winnipeg, is meeting with most satisfactory encouragement in its efforts for the curtailment of credit and placing business as much as possible on a cash basis. Such progress has been made that all the merchants in a large number of towns in Manitoba have joined the Association and are adopting the credit clause of the constitution, which ensures a closed season for credit from November 1st to April 1st, with 30 day accounts excepted. The merchants in Gladstone have gone so far as to close credit entirely during those months. Meanwhile work among other sections of the Northwest is being steadily pushed.

In order to give the retailers who have become members every assistance in its power the Association has issued a good model form for the retailer to use in changing from the credit to the cash system, which we give below:

A BUSINESS PROPOSITION

We beg to announce that, on Nov. —, we shall sell our goods for cash only, at the time of purchase or upon the delivery of goods.

In making this departure from our present methods, we believe it will be of great benefit to our customers as well as to ourselves.

The present extravagant way of doing a credit business; viz., long credits, losses from bad debts, the great amount of help necessary, and the endless expense of horses and equipment—all these things force the dealer to place higher prices upon his goods, if only he may live.

WHAT WE PROPOSE TO DO

We shall sell for cash only.

We shall sell the finest quality of goods, but orders will be taken by delivery clerk, providing the order is written for him, causing no delay.

We shall give you the benefits of our savings from credit to cash. We mean this.

We shall make our prices the lowest, and our store a credit to the city we live in.

THIS WE SHALL DO

If we so arrange our business, curtail our expenses, make no losses, buy for cash, sell for cash, is it not reasonable for us to claim lowest prices?

We believe the future of business is on a new method. Goods must be sold on the smallest profit with the least possible expense. Business methods change, and the wise merchant is the one who can read aright the signs of the times and adapt himself thereto.

With our new store, new methods, we have given the greatest thought to the shipping of goods, and by the means of useful appliances we feel we can guarantee satisfaction every time.

We shall have three deliveries daily. Orders received to-night leave the store early to-morrow morning, besides two deliveries later.

We wish here to thank our many friends who have assisted us in building up our business to its present proportions, and we trust they will appreciate what is a fact—that this change of ours from a credit to a cash business is for the mutual benefit of our customers and ourselves.

We solicit your valued patronage.

(Signed) —————.

PICTURE POST CARDS

Among the firms in Toronto dealing in Picture Post Cards is the old established and reputable firm of C. R. Parrish & Co., 304 Yonge Street. Mr. Merrill, the head of the firm, is a graduate of Toronto University and the ability he shows in conducting his business is evidence that he did not cease using his brains when he took his degree. The firm has three stores in Toronto, each making a specialty of Picture Post Cards, and, as some indication of the extent of the business, the sales over the counter on Labor Day of this

year totalled \$118, while one week's shipment during October exceeded 50,000 cards. Large importations are made from Germany, Great Britain and the United States. There is in stock a very saleable and unique variety of comies, and burnt leather and wooden cards. Besides Cards, there is always on hand a heavy assortment of hand-books such as Ready Reckoners and Business Manuals, and a large importation has been made of stereoscopic views and stereoscopes, as well as of colored engravings for framing.

Mr. Merrill recognizes that to create business you must bring your goods before the public, and hence is judiciously spending money in advertising, while in the store he has made most comprehensive arrangements for the display of goods both in racks and in show cases and other fixtures. As his assortment has been carefully selected and is of excellent quality and designs, the result is most pleasing and thoroughly conducive to business.

AMONGST THE COLLEGES

ONTARIO COLLEGE OF PHARMACY

We are glad to learn that Dean Heebner is able to be about, and is rapidly recovering from the effects of his recent serious accident. He leaves the city shortly for a change.

Prof. Evans in the meantime takes the Dean's classes, but the latter expects to resume his lectures after the first of the year.

The attendance at the College this term numbers 91 as against 145 students last year, the falling off being accounted for in part by the change in curriculum of studies and the extra attendance of last year was an indication of the students to get through their course before the new curriculum came into force.

MANITOBA COLLEGE OF PHARMACY

The College term is now in full swing with a good attendance of students, amongst which we find one lady student, Miss Grace Tucker, of Moosomin, Man. The college colors are black, purple and orange.

At present lectures are given from 9.30 a.m. to 11.30 a.m., but in the course of a few weeks three afternoons of each week will be devoted to practical chemistry.

The football season has been inaugurated by the organization of a college club, of which Mr. Porteus is captain and J. C. Mair secretary-treasurer, the committee being comprised of Messrs. Newton, Ulyot and the officers named. The team has entered the inter-collegiate league.

Special Prices

By comparing our quality and prices with those of other houses, you will quickly realize the splendid advantages which our exclusive agencies for the best manufactures enable us to offer.

The following are specialities of ours :

Oil Almonds	Gum Camphor
" Anise	" Opium
" Cloves	Castor Oil
" Eucalyptus	Pot. Iodide
" Lemon	Menthol
" Lavender	Olive Oils
" Peppermint	Castile Soap
" Sandalwood	

Secure Our Prices—They Are Interesting.

N. C. POLSON & CO., Kingston, Ont.

Contractors to His Majesty's Government

R. ADDIS & SON

London Brush Works, London Fields, London, England.

"Everfast" Tooth Brush

PATENT



No. 6,415

WARRANTED LONDON MADE

These brushes are manufactured on an entirely new principle. In addition to the ordinary means of securing the bristle, holes are drilled through the sides and our "Everfast" cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristles in the mouth being completely removed. Only materials of first-class quality used.

To be obtained of all Wholesale Houses and Merchants.

J. H. HAYWOOD

Castle Gate, Nottingham, England.

Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.

BELTS, SUSPENSORY BANDAGES, TRUSSES
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries.



GLASS BOTTLES

Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green, Poison and all kinds of Bottles used in the Druggist and Allied Trades. Special Moulds made.

J. A. CURLE, LTD.

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON

1844 1905

THOMAS TYRER & CO'Y, Limited
GOLD MEDAL, ST. LOUIS, 1904

BISMUTH
SALTS

"STERLING BRAND"
PURE

MERCURIALS

ACID PHOSPHORIC

Made from Phosphorus,
All Strengths

SCALE
PREPARATIONS

GUARANTEED FREE ARSENIC

HYPO-
PHOSPHITES

ETHERS

ANALYTICAL, PHARMACEUTICAL, PHOTOGRAPHIC,
TECHNICAL AND SPECIAL CHEMICALS.

STRATFORD, LONDON, ENG.

Thomas Glover & Son,
Carlton, Nottingham, Eng.

Our firm is the OLDEST, LARGEST,
CHEAPEST and BEST. Enjoying
reputation of 60 years, for the manu-
facture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

H. SALLE & CO.

4 Rue Elzévir, PARIS

Exporters and Importers of Crude
Drugs.

Growers of French Herbs.

Specialty of Irish Moss.

Leading Articles: Chamomiles, Red Roses, Galega herb,
French Cannabis Indicus, as well as all kinds of drugs and
alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)

Agents Wanted in Every Important Town.

Offers for American Drugs Solicited

... SAL HEPATICA ...

THE ORIGINAL
EFFERVESCING

**SALINE LAXATIVE, URIC ACID
SOLVENT AND ELIMINANT**

A combination of Tonic, A terative and Laxative
Salts

similar to the celebrated Bitter Waters of Bohemia
fortified by the addition of Lithium and Sodium
Phosphates.

\$2.00, \$4.80, \$10.20 Per Doz., Duty Added.

Orders amounting to \$55.00, discount 10 per cent.,
and 2 per cent. cash 10 days. Freight paid.

BRISTOL-MYERS CO.

Manufacturing Chemists

277-279 Greene Ave., Borough of Brooklyn, New York City





**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolic Acid for Uleers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals.

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

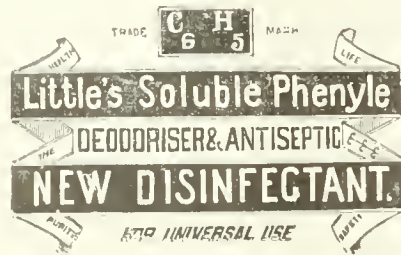
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarborough,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarborough.

Retail, 2/ 3/ 6 and 10/ 6.

Wholesale, 12/ 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON, LONDON, ENG.

AGENTS WANTED.

. SPECIAL .

TO THE TRADE

CALVERT'S

Carbolic Preparations

THE PRICES OF OUR SPECIALTIES
BEING NOW REDUCED YOU ARE
REQUESTED TO WRITE FOR AN
ILLUSTRATED PRICE LIST.

F.C. CALVERT & CO.

(OF MANCHESTER, ENG.)

807 Dorchester St. = MONTREAL

MONTREAL COLLEGE OF PHARMACY

PHARMACY STUDENTS' OFFICERS

The students of the Montreal College of Pharmacy have elected the following officers for the coming year: President, Mr. W. Leduc; Vice-President, Mr. L. Lacasse; Secretary, Mr. A. Pruneau; Treasurer, Mr. A. Bedard; Marshal, Mr. A. Champagne; Councillors, 4th year, Mr. A. Beauvais; 3rd year, Mr. L. Ledere; 2nd year, Mr. A. Noel; 1st year, Mr. L. Moreau; Standard Bearer, Mr. J. E. Michon.

PRELIMINARY EXAMINATIONS

The preliminary board of examiners held their quarterly examinations in Montreal and Quebec, on Thursday, October 5th, with the following results, namely: Twenty candidates enrolled their names for this examination and of these the following passed, namely and are named in order of merit: G. Fortin, H. Theberge, Berenice Provost, Bernadotte Gaisson, Henry Singer, H. Granger, G. Chevalier, and Henri Doray. R. Roy Wasdall failed in French and L. Chabot in history. These gentlemen will be required to present themselves at the January examination for the respective subject in which they have failed, the remainder of the candidates being referred back for further study. The examiners were Professor J. O. Casegrain, of Jacques Cartier Normal School, and Professor Isaac Gammell, of the High School, Montreal.

PHARMACEUTICAL ASSOCIATION OF QUEBEC

The major and minor Board of examiners held their semi-annual examinations in Laval University, Quebec, when 21 candidates for the major and 16 for the minor examination presented themselves. Of these the following passed, as licentiates of Pharmacy and certified clerks respectively, namely: Geo. M. Jones (gold medalist), Geo. D. Porcheron, J. A. Laviolette, J. A. Goyer, Kenneth Chalmers, J. T. Moreau, J. F. Howell, R. Pasquin as licentiates; Leopold Charrest, J. R. Martineau, Chas. Lippens, L. Boucher, M. Aronson, A. Brunelle, Geo. Bergeron, and Jos. Lafontaine, as certified clerks, the remainder of the candidates being referred back for further study. The examiners were: R. N. Williams, Three Rivers; Alex. B. J. Moore, Montreal; Henri Lanctot, Leo G. Ryan, C. Vadboncour, and Joseph Sontin, with J. E. Tremble, President, as Chairman of the Board.

Some advantages in trade are bought at too great a cost to be worth while.

Correspondence

We do not hold ourselves responsible for the opinions of our correspondents. All our readers are invited to make use of these columns for anything of a general interest to the trade.

BRITISH MANUFACTURERS' EXHIBITION IN EGYPT

Editor Canadian Druggist:

Sir,—It has doubtless come to your notice that an Exhibition of British manufacturers was to have taken place in Alexandria and Cairo at the end of this year.

From the enclosed notice you will perceive that the proposed exhibition has been postponed until the latter part of 1906 and the beginning of 1907, the reason being that the scheme has assumed very much larger proportions than was at first anticipated. We shall therefore be much obliged to you if in your next issue you will kindly insert the correction of the date of holding the Exhibition, and we have no doubt that in the interests of British trade we may rely upon your warm support.

For all information we are entirely at your disposal, and with our anticipated thanks we beg to remain,

Faithfully yours,
G. E. Legge,
E. Prior,
Secretaries.

Sir,—We beg to inform you that an Exhibition of British manufacturers will be held in Alexandria and Cairo between the months of November, 1906, and February, 1907, and it is proposed that the duration of the Exhibition will be about one month in each city.

As our Committee are desirous of forming an idea as to the area of ground which will eventually be required for the Exhibition, we shall be glad to know if you will permit us to place your name on the list of probable exhibitors, and at the same time intimate what space you are likely to require. It is distinctly understood that by granting us this permission you in no way bind yourself to exhibit should you afterwards find it inconvenient to do so.

Our Committee are of opinion that the public here have never had a proper opportunity of knowing and seeing what can be produced in the United Kingdom and the Colonies, and therefore is unable to appreciate the excellence of their manufactures, with the result that cheaper continental goods continue to be largely sold in this country, even in instances where the British article would very probably supersede them were it more generally known.

It is therefore obvious that an Exhibition whereby British and Colonial manufacturers are

enabled to come into direct contact with the Egyptian public and trade, would be of the greatest advantage to introduce and popularize those manufacturers in Egypt.

Our Committee are further of opinion that the time is ripe for such an Exhibition in view of the present prosperity and enormous development of the country, and it must also be borne in mind that there is an immense influx of visitors here during the winter from all parts of the world; consequently the Exhibition offers a splendid medium for advertising.

Prospectuses, application forms and full particulars will be sent you in due course, but in the meantime we should be greatly obliged if you would kindly reply to this communication as soon as convenient to you.

We remain, dear sir,
Yours faithfully,
G. E. Legge
E. Prior,
Secretaries.

SPECIAL TERMS ON CASTORIA

Castoria—"the kind you have always handled"—is made by The Centaur Co., 77 Murray Street, New York, of which Charles H. Fletcher is President. Mr. Fletcher thinks that almost any druggist ought to be able to sell a dozen bottles of his specialty a month, or one gross a year, and to induce effort in that direction he authorizes jobbers to allow a discount of 5 and 2½ per cent. on gross lots.

Druggists are invited to send for counter wrappers, cartons and other advertising matter.

NOVELTIES IN STATIONERY

THE SILVER SERIES PENS

W. J. Gage & Co., Toronto, report that the trade are taking kindly to this new line of pens. They are made from the finest steel, and being



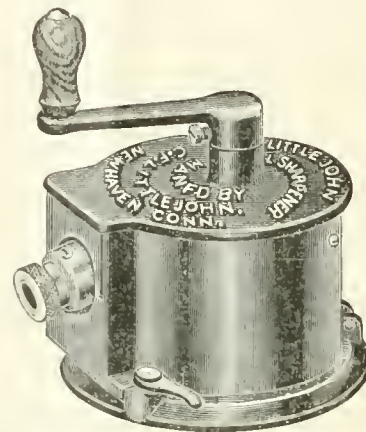
silver-coated will not corrode, and will, therefore, outwear three ordinary steel pens. There are six numbers in the series, covering all the

popular styles, and some of which are made with turned-up points.

They are very attractively packed in gross boxes, and are sold at a uniform price, 50c. per



gross. To introduce them a very handsome Nickel Show Case, as shown herewith, is given free with each original order of 20 gross. Samples of these pens will be sent upon application.



THE LITTLEJOHN PENCIL SHARPENER

W. J. Gage & Co. have secured the sole agency in Canada for the above Pencil Sharpener. This little article is the best that has ever been produced, and will do better work than many pencil sharpeners costing twice as much.

Among the particularly good points in its favor are the following: You can sharpen a pencil so that you cannot break the point. It can be graduated to make the finest of pencil points. It will sharpen a black or colored crayon pencil. It will not waste the pencil and when point is completed it refuses to cut any further. It can be adjusted to any position and screwed to a table or wall.

This excellent Pencil Sharpener is sold at the very low price of \$2.50 each.

We recommend it to any of our friends who are looking for an article of this class.

DRUGGISTS "DONT'S"

Don't think for your customer. If he thinks Baby's Own Soap is best sell it to him, even if there is not much profit in it for you, don't let him go elsewhere for it, nor make him buy some other kind and feel sore on you every time he uses it.

The other kind may be good, but always remember "A man convinced against his will is of the same opinion still."



GET PRICES
For

Standard
(E. W. Parker—Montreal)

High
and
Alcohol

A silent, colorless spirit, suitable for all purposes.

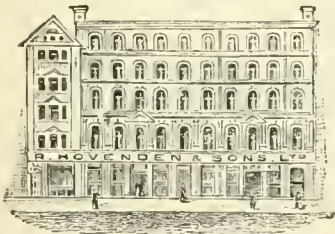
GILLESPIES & CO.
MONTREAL

Selling Agents

R. HOVENDEN & SONS, Ltd.

ESTABLISHED 1811

West-End Establishment

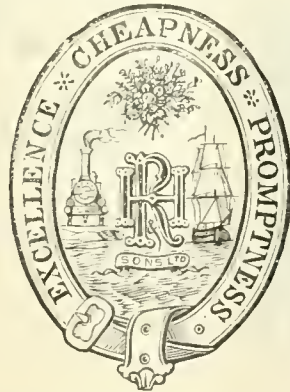


29, 30, 31, 32 & 33 BERNERS STREET,
Oxford Street,
LONDON, W.

City Establishment



85, 89, 91, 93 & 95 CITY ROAD,
Near Finsbury Square
LONDON, E. C.



WHOLESALE DEALERS IN
AND MANUFACTURERS OF

PERFUMERY, PATENT MEDICINES. DRUGGISTS' SUNDRIES. FANCY SOAPS, ESSENTIAL OILS,
TOOTH, NAIL, AND HAIR BRUSHES, COMBS, CUTLERY.

Toilet and Smelling Bottles, Spray Producers, Manicure Goods, Spirits of Wine, Walking Sticks, Cricket and Tennis Goods, Tobacconists' Sundries, and all Articles dealt in by Chemists, &c.

OUR OWN BRANDS OF PERFUMERY, &c., EXPORTED UNDER THE CUSTOMS DRAWBACK SYSTEM

PROPRIETORS OF

The "Cherub" Feeder.
The "Easy" Hair Curler.
Glissadermos.
Bogle's Hyperion Fluid.
Bogle's Mystikos.
Churcher's Dentifrice.
Churcher's Specific.

Churcher's Toilet Cream.
Lloyd's Euxesis (The Genuine)
Cowvan's Razors & Razor Strops.
Hovenden's Shaving Soap.
Sweet Lavender Perfume.
Marris's Almond Tablets, &c.
Midget Patent Safety Shaver.

Thornton's Walnut Hair Wash.
Thiellay's Specialties.
"Certella" Cigars and Cigarettes.
"Club" Brand Hair, Nail, and
Tooth Brushes.
"Daisy" Brand Pipes.

"Eagle" Brand Combs.
"N.P.U." Shampoo Powder.
"N.P.U." Tobacco.
"Star" Brand Cologne.
"Springwell" Bats
Voogd's Razors and Paste.

SOLE WHOLESALE OR SPECIAL AGENTS FOR

Meechi's Razor Strops and Paste.
Nuda Veritas Hair Restorer.
Papier Poudre (Ltd.) Circassian Cream.
Papier Poudre (Ltd.) Facial Massoline, &c.
Perla Toca.
Picard Freres' Poudre D'Amour.
Picard Freres' Valnerose.

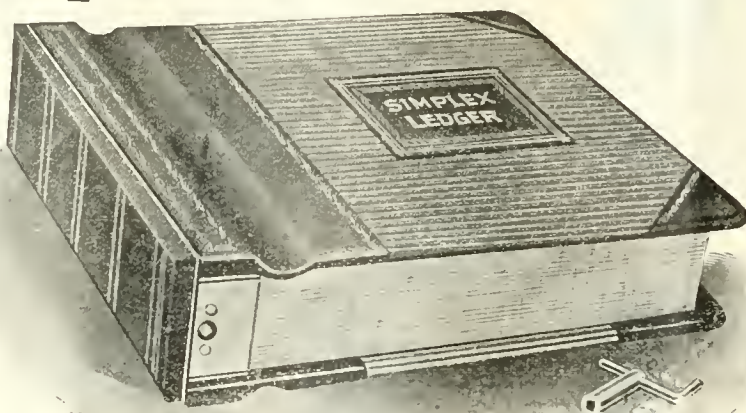
Pinaud's Perfumery, and all other preparations.
Pray's (Dr. J. Parker) Manicure Goods.
Robare's Aureoline.
Robert Freres' Perfumery.
Royal Wind-or Hair Restorer | Skinheal.
Voogd's Razors, Scissors, and all other articles.
Ziemer's Alexandra Dentifrice.

Agnel's (Paris) Perfumery.
Batchelor's Hair Dye.
Broux Hair Dye.
Bully's Toilet Vinegar.
Dorlin's Rouges, Blancs, and all other preparations.
Felix's Eau Des Fees
Imperial Hair Regenerator.
Leichner's Grease Paints, and all other preparations.

TERMS: 2½ PER CENT. CASH DISCOUNT.

Write for ILLUSTRATED CATALOGUE—1905—608 pages, which will be sent FREE on receipt of Business Card.

The Simplex Loose Leaf Systems



The Simplest.

The Best.

The Cheapest

We have added to our manufactures that of Loose Leaf Binders, and Sheets, and intend to sell these goods as we sell all our other goods, viz., through the trade.

If you are interested as you should be in this growing department of the Blank Book Business write us for particulars. Our wish is to assist you in securing some of this business which heretofore you have been losing.

MANUFACTURED BY

W. J. GAGE & CO., Limited

Offices and Sample Room, 54-58 Front St. W., Toronto. Factories, 82-94 Spadina Ave.
Paper Mills, St. Catharines.

"KINDS THAT SELL"

PLANTEN'S
CELEBRATED
CC BLACK
OR
CAPSULES

Worth-While Profits to the Retailer

PLANTEN'S
CAPSULES
AND
"PERLOIDS"
TRADE MARK
OF
SANDALOIL

H. PLANTEN & SON Established in New York in 1836
"Pioneer American Capsule House"
HAVE REMOVED to NEW LABORATORY
93 HENRY STREET - BROOKLYN, N. Y.

Send that handwriting or photo along and let me read
Your Character

and Talents... Others are pleased with my delineations, and you will be the same. Please write naturally in ink, enclosing 25 cents, to

PROF. GEORGE TESTER,
Graphologist & Physiognomist,
MOUNT FOREST, ONT.

CITY ADDRESS:
39 Wood St., Toronto

Are You Making Enough Money?

Why not add another line for which there is a good demand?

"JAPANESE"
BRAND

Writing Inks and Mucilage

Are ready sellers at a good profit. Made by

THE COLONIAL INK COMPANY, Limited
HAMILTON, CANADA

THE MERCANTILE AGENCY

R. G. Dun & Co.

ESTABLISHED 1841

Head Office, New York, and 180 Branch Offices in the Principal
Cities of the United States, Canada, Europe
and Australia

CANADIAN OFFICES AT

TORONTO	ST. JOHN	VANCOUVER	HALIFAX
QUEBEC	MONTREAL	HAMILTON	LONDON
	WINNIPEG	OTTAWA	

W. C. Matthews, General Manager, Canada

PROVINCIAL DRUG SECTION ANNUAL MEETING

The first annual meeting of the Provincial Committee of the Drug Section of the Retail Merchants Association of Canada for the Province of Ontario was convened at Toronto last month in the Association's Board Room, Chairman A. E. Walton presiding.

Mr. John Hargreaves, on behalf of the Drug Section of the Toronto Branch, welcomed the delegates from the different towns and bespoke careful consideration for the questions to be submitted for their deliberations.

President S. Corrigan, of the Toronto Branch of the R.M.A., was present, and in a brief address expressed his pleasure at meeting the section, and commended the delegates on their personal appearance and for the work done by the Drug Section, which was one of the most active and progressive in the Association.

Mr. E. M. Trowern also spoke and gave a brief history of the Association, its growth and present standing, including more than one province, as it now does.

Chairman Walton then gave a resume of the work of the Provincial Committee of the Section, which was formed a year previous.

The minutes of the previous annual meeting were read and adopted.

A discussion then followed as to the standing of the various delegates present, some being present as members of Drug Sections and others as delegates from the District meetings of the Ontario College of Pharmacy. It was finally decided that all present were eligible to take part in the proceedings if representing either organization and members of The Retail Merchants' Association of Canada, and that the votes be limited to one from each section or association.

Chairman Walton presented the report of the Joint Committee on Trade Improvement and Contract Plan Work which was a record of the year's work in connection with the wholesale and the retail trade, including the correspondence which had passed between the two branches of the Committee and a number of manufacturers. This report made it clear that the labors of the year had been exhaustive, and that the co-operative scheme under consideration was impracticable owing to the attitude of the manufacturers, and that the contract plan was the only one that would improve the condition of the trade.

After considerable discussion the report was adopted as read.

The Section then adjourned for luncheon.

After luncheon the chairman read some correspondence with the wholesalers which outlined the attitude of the retail committee toward

manufacturers adopting the contract plan and showing that the latter body (wholesalers) were in accord with this attitude, taking exception however, to the privileges accorded to co-operative buyers or syndicates. A long discussion took place on the system of doing business followed by syndicate companies and its bearing on the advancement of the contract plan. On this question the retail committee met the desires of the wholesalers by a strong recommendation that these companies regulate the division of profits in contract goods in the same manner as other wholesale houses, namely, on the amount of stock held rather than on the amount of purchases.

The following resolutions were then presented and adopted unanimously:

No. 1. That, whereas at the last meeting of the Provincial Board of our Association, a resolution was unanimously passed asking the Dominion Government to amend the Criminal Code, so as to make officers of corporations amenable to the law, the same as individual firms are now held amenable to the law. That this Committee place itself on record as being in hearty sympathy with such legislation and that we do all in our power to assist the Dominion Board secure the same. Carried.

No. 2. That this meeting place itself on record as being in hearty sympathy with the legislation just secured by our Association in the Dominion House abolishing trading stamps, coupons and all other similar devices, and that we recommend that the druggists handle no goods that carry with them coupons or other similar inducements, and if necessary the manufacturers and wholesalers be notified to this effect. Carried.

No. 3. That we strongly urge this convention to assist in every possible way the efforts being made by the Provincial Board of our Association to license patent medicine peddlars who sell patent medicines on market squares and throughout the cities and towns of this province. Carried.

No. 4. That whereas a co-operative mail order company is now being formed in Toronto, which intends to deal in all classes of merchandise—patent medicines and toilet articles included—and to send catalogues all over the country, and sell at reduced prices, that this Committee place itself on record that those in our line who supply those companies cannot get our support. Carried.

No. 5. That this meeting recommend that every retail druggist in the province should be a member of the Drug Section of our Association and pay his membership fees, whether he is pay-

ing a fee into the fund of the District Meetings of the Ontario College of Pharmacy or not.

No. 6. Moved by Mr. John Hargreaves and seconded by Mr. E. W. Case, that the members composing the Council of the Ontario College of Pharmacy, when members of the Retail Merchant's Association of Canada, be ex-officio members of the Provincial Committee of the Drug Section for the Province of Ontario, with full privileges of all delegates appointed to attend conventions. Carried.

The following resolution was then presented by Mr. W. A. Karn and seconded by Mr. E. W. Case, that this meeting respectfully urge the Drug Trading Company and the Wholesale Jobbers' Association to adopt some arrangement that will conduce to the speedy accomplishment of placing as many articles as possible on the contract plan and to strongly promote the general adoption of the contract plan, and that a copy be forwarded to each, and an early reply be requested. Carried.

Mr. Karn here asked the chairman to be excused as he had an important engagement to keep in London, and must take the next train to be in time. Before leaving he very clearly stated to the meeting the great necessity of care in selecting the retail members of the joint committee. He stated that there was a feeling abroad that the last committee, while composed of earnest workers, had been unsatisfactory in composition, containing as it did three members from the city of Toronto. To inspire confidence throughout the country he strongly urged that this committee be made representative of the whole province rather than of the city of Toronto.

The next order of business was the election of officers, and resulted as follows: Chairman, Mr. A. E. Walton, Toronto; First Vice-Chairman, Mr. E. Gregory, Lindsay; Second Vice-Chairman, Mr. Henry Watters, Ottawa; Treasurer, Mr. J. H. H. Jury, Bowmanville; Secretary, Mr. E. M. Trowern, Toronto.

For places on the Trade Improvement and Contract Plan Committee eight nominations were made and a ballot taken, resulting in the election of the following: Messrs. H. Watters, E. W. Case, W. A. Karn, A. E. Walton and G. M. Petrie.

The five executive officers were appointed representatives on the Dominion Committee which it was hoped would soon be formed so that the work could be carried out from ocean to ocean. It now rests with the other provinces to form Drug Sections and appoint their five provincial representatives so that the Dominion officers can be elected.

After various congratulatory speeches had been made by various members, the meeting closed to be called again by the Chairman and Secretary.

TORONTO DRUG SECTION, R. M. A.

The Toronto Drug Section of the Retail Merchants' Association resumed its meeting on Oct. 6th, Mr. W. J. A. Carnahan in the chair. The attendance was very small but we hope that future meetings will see a much larger number of retail druggists present, thus helping on the good work, which is being done by this section of the Association.

After the reading of the minutes and passing of an account for legal expenses, Mr. Hargreaves, as delegate of the Provincial Section, gave a report of the business transacted at that meeting. This report appears elsewhere in this issue.

The report of the trade improvement committee stated that a large number of the druggists had accepted the schedule of prescription prices, as given in a former issue, and were now working under it. Receipt of a cheque from Messrs. H. K. Wampole & Co. for \$12.35, as commission on sale of some of their preparations was also received, and ordered to be acknowledged. The Contract-Plan Committee report from Mr. Hargreaves stated that Messrs. Wampole & Co. had completed the contract for the placing of their goods on the contract-plan, and had issued contracts to the trade for signature.

Letters from the Ottawa Drug Section stating the attitude of that body, were also presented. The meeting then adjourned until November.

P. A. T. A. OF CANADA

A special meeting of the executive, and Board of Control of the Proprietary Articles Trade Association of Canada, held at the Windsor Hotel, Oct. 17. The President, Mr. Henry Miles, was in the chair. The chairman at some length explained the situation and the merger was seriously considered, as the members who were in session for many hours were desirous that the matter should be thoroughly understood.

No formal action was taken as it was considered that the proposed combine of the drug interests would necessarily affect the proprietary medicine business. The proprietary people have built up that trade by advertising and their policy in general has been to employ and foster all reasonable and free channels of trade for the distribution to the consumers of their products. The retail trade, in some directions, and houses desiring to remain independent of the merger have evinced a good deal of anxiety under a certain species of fear that the distribution of proprietary goods might be, in the future, confined to the members of the drug trust. It seems now conceded that both common sense and the individual interest of the proprietors of trade mark articles indicate, for certain, the continued maintenance of their policy of the past.

PICTORIAL POST CARDS

FROM CUSTOMER'S PHOTOGRAPHS

In quantities of 250 plain
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ALSO IN GIANT SIZES.

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G. W. WILSON & CO.,

2 St. Swithin Street, Aberdeen, Scotland.

W. G. MacFARLANE

PUBLISHER OF
SOUVENIR POST CARDS
AND VIEW BOOKS

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A large stock of Canadian view cards fancy and comic cards and other lines.

Special attention given to contract orders from dealers' own photos, 1000 of a subject in black and white at \$6.00 per thousand; 3000 of a subject in colors at \$8.50 per thousand.

Write for samples.

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— THE — Picture Post Card House OF CANADA

(Established 15 years.)

WE make special series of Souvenir Cards for every locality from photos supplied by customers, and guarantee the finest finish to be had.

> 300 different Canadian Post Cards, and a large assortment of Fancy Cards ready for immediate delivery.

Write for Samples and Prices

The Montreal Import Co.

17 ST. JOHN ST. - MONTREAL

EVANS & SONS

LIMITED

Wholesale Druggists and
Manufacturing Chemists

MONTREAL

— AND —

TORONTO



ARTICLES OF HIGHEST QUALITY

Evans' Chloroform

Evans' Cod Liver Oil

(Special)

Evans' Disinfectol

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NATIONAL LICORICE COMPANY

SOLE MANUFACTURER OF

Y. & S. LICORICE

THE OLD-FASHIONED REMEDY FOR COUGHS AND COLDS.

Also the celebrated
SCUDDER
and M. & R.
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LOZENGES,
Etc., Etc.
and
POWD. EXTRACTS
and
POWD. ROOT
in convenient packages for
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Advertising Matter Furnished to Retail Drug Stores for Counter and Window Display
Applicants will Please State Which of the above Brands is Used.

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N.B.—A Large Stock of Finished Tooth Brushes, Nail Brushes, Hair Brushes, &c., kept ready for Merchants' Shipping Orders. A trial order solicited
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YOU FEEL SAFE WHEN WRITING A CHEQUE WITH



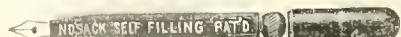
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Saves Cost of Check Punch,	- - - - -	\$5.00
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Holder needs to be filled with water only, to produce the best ink anywhere. No leads. Point never breaks or needs sharpening. Will last for years. Soon saves its cost. **PRICES**—Plain, \$1.00; Chased, \$1.25; Chased and Gold Mounted, \$1.50. New Ink-making Cartridges in green, blue, violet, or black copying or red ruling, 10c.; by mail 12c. Ordinary ink may also be used. Great for Stenography. Around the world and never out of ink.

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Simply draw the cap off and the pen is full. Compared to the watch, this Pen is the stem winder; the old styles, the key winders, PRICE, \$2.50. No inside pumps to leak or break. No rubber sacks to rot, or room for ink to take. No fillers to find, and when found they are broken. It cleans—it fills—no profane words are spoken. Our pen values are intrinsic. Not inflated.



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163 Broadway, Suite 121,
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TURPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

It is most convenient for the Preparation of

SOLUBLE ESSENCE OF LEMON, LEMON CRYSTALS, &c.

TRIAL SAMPLE MAILED ON APPLICATION.

Special Prices for Contracts for Large Quantities.

WRIGHT, LAYMAN & UMNEY, LIMITED

SOUTHWARK, LONDON, ENGLAND

AGENT FOR CANADA:

MR. J. M. SCHEAK, Carlaw Buildings, Wellington St. W., TORONTO

HORLICK'S MALTED MILK

For INFANTS, INVALIDS,
the AGED and TRAVELERS

SAMPLES, SIGNS AND ADVERTISING
MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

HORLICK'S FOOD COMPANY

Pioneer Mfrs. of Pure Malted Foods
Racine, Wis., U.S.A.

GILMOUR BROS. & CO., Sole Agents for Canada, Montreal.



Costs \$3.60 ===
Sells for \$6.00

The new price of EYE-FIX is \$3.60 per dozen, less the usual discounts. We have recently adopted the "Serial Number" Price-Restriction plan. Retail opticians and druggists handling EYE-FIX sign a contract to not cut the price. It is sold everywhere at 50c. This means that on the most meritorious eye remedy in the market, and the one that will have the greatest sale, there is a profit of 66 $\frac{2}{3}$ % for the retailer.

EYE-FIX has the endorsement of leading oculists, opticians and physicians. The demand for it is steadily increasing. It is an article that should have a place in your stock. Handsome and attractive advertising matter given free with orders. Write for full particulars regarding our free proposition.

THE EYE-FIX REMEDY CO.

Department Q.

DETROIT, MICHIGAN

Henry K. Wampole & Co.

Change in Discounts

To The Drug Trade of Canada:

We beg to advise that on and after November 1, 1905, the schedule of discounts on WAMPOLE'S COD LIVER OIL PREPARATION, in one (1) pound bottle, and on WAMPOLE'S ANTISEPTIC SOLUTION (FORMOLID), in one-half ($\frac{1}{2}$) and one (1) pound bottles, will be as follows:

In lots under three (3) dozen bottles	- - - -	No discount.
In lots of three (3) dozen bottles	- - - -	10 %
In lots of twelve (12) dozen bottles	- - - -	12 $\frac{1}{2}$ %
In lots of sixty (60) dozen bottles or more	- - - -	15 %

Terms as usual, i.e. "five per cent. thirty days" or "four months net" freight paid, unless charges are in excess of 10% of the amount of the invoice.

As this schedule of discounts varies from the schedule which appears on the "Price Restrictive" contracts, copies of which, properly signed, we have received from most of the trade, we would thank you to consider this as a formal notice of a modification on our part of the Contract, in so far as the subject of discounts on the two (2) preparations in question is concerned.

Henry K. Wampole & Co.

Manufacturing Chemists

Main Offices and Laboratories

Philadelphia, U. S. A.

Branch Office and Laboratory,

Toronto, Canada

P. S. We presume, that as a result of the above change in Discounts, our competitors and their representatives will do the usual amount of talking and advertising for us. We might mention in this connection that we are about to send out circulars in the Western portion of the Dominion, cautioning the laity against using the many worthless imitations of WAMPOLE'S COD LIVER OIL PREPARATION, with which the market is at present flooded. If any of our competitors, or their representatives, want these circulars to show to physicians we will gladly send copies in such number as they may request.

Why Stearns' Antitoxin costs you less

Q Selling Antitoxin on the exchange plan means a great waste because much serum is returned at the expiration of its time limit, to the maker—who throws it away.

But somebody pays for it.

Who, Naturally? Not the maker; not the druggist.

The consumer, of course: for the price of Antitoxin is based on what it costs to produce it, plus the cost of marketing.

All that is returned adds to the cost of marketing—hence to the price.

Stearns' Antitoxin is now sold outright and is not returnable. You can buy it for less than formerly because we have eliminated the waste.

Some people tell us that Antitoxin cannot be marketed in this economical way—that doctors prefer to pay 40 to 50 more for exchangeable serum.

We do not believe it.

Those who use Stearns' Antitoxin pay only for what they get—not for a lot of wasted serum besides.

Our splendidly equipped laboratories are operated by scientific experts under Federal authority and inspection.

Our serums are guaranteed to be pure and sterile and to contain the full stated number of antitoxic units during the whole time limit. There is none better.

And, don't forget that with Stearns' Antitoxin you only have to carry three sizes, 1000, 2000 and 3000. They cover all that experience has shown to be essential.

**Frederick
Stearns
& Company**

**WINDSOR, ONT.
DETROIT, MICH.**

Q It is easier for you to control the Antitoxin supply in your neighborhood than ever before. The Serum and the Simplex Syringe are the best while the plan of selling directs all orders towards the retail druggists.

Minola



AN INTRODUCTION

One of the most beautiful of America's beautiful women kindly allowed us to name our new odor in her honor—using her maiden name “Minola.” She has also been good enough to pose specially for us, a photographic reproduction of which we utilize for a label for both the half pounds and the ounce bottles.

The idea is unique and the perfume has been granted a cordial reception.

“MINOLA” is a most desirable addition to your stock. Introduce her to your friends and customers and the sales are accomplished.

In one ounce, five polished bottles, in special raw silk jewel cases, at \$9.00 the dozen, and in half pounds at \$4.00 the bottle.

Drop us a postal at once. We will prepay the express charges on one half pound and a quarter dozen of the ounce bottles.

This offer is good only until December 1st, as an introduction.

WRITE TO-DAY.

Stearns, Perfumer

WINDSOR, ONTARIO

HENRY K. WAMPOLE & CO.



We are pleased to hand to the Wholesale and Retail Drug Trade of Canada for signature new "Price Restrictive" agreements with reference to the sale of "**WAMPOLE'S TASTELESS PREPARATION OF THE EXTRACT OF COD LIVER OIL,**" "**WAMPOLE'S ANTISEPTIC SOLUTION (FORMOLID),**" and "**WAMPOLE'S FORMOLID TOOTH PASTE.**"

We will thank you, after signing these agreements (which please do as soon as possible), to return them to our Canadian office, No. 36 Lombard St., Toronto, Ontario.

It will be our endeavor to enforce this agreement in the future, as we formerly did a previous agreement, although such enforcement will involve considerable expenditure on our part, not only as regards legal fees, but for additional office and laboratory help as well.

We are quite willing to defray this expense, but would ask in return from the Canadian Drug Trade as a whole that they supply to their customers without comment any of our preparations (whether on the "Price Restrictive" plan or not) as called for, and not influence them (the customers) to purchase anything else "just as good."

Our withdrawing the previous "Price Restrictive" agreement, which we had in force, placed us in a false light among the trade throughout some portions of the Dominion, particularly in Toronto and vicinity. We have found, however, that the false impression entertained by many of the trade was due more to their listening to the reports (most of which were false) of the representatives of competing firms, who did all they could to injure us.

As a matter of fact, however, the gossip of our competitors and their very talkative representatives has, during the past five (5) years, been one of the best assets of our Canadian business in the shape of the free advertising accruing from such gossip. To be sure, ninety-nine per cent. (99%) of what they have stated has been untrue, but they did the best they could, trying to make the per cent. a full one hundred (100).

In any event it has kept our name before the trade, and has very materially assisted in increasing our business to such an extent that on July 1, 1900, we had but eight (8) employees in our Canadian laboratory and two (2) representatives on the road, while now we have two hundred and twenty-four (224) employees and twenty-two (22) representatives.

We can but hope that our friends (?) will keep up their good work, and that they will accept this public acknowledgment of our gratitude, respect and esteem.

To the trade, however, we can but tender, in all seriousness, assurances of our appreciation of their continued confidence and support—we will do our best to in the future merit a continuance of such confidence and support by supplying the best goods that can be manufactured at correct prices, and by honest and square dealing in every other respect.

Henry K. Wampole & Co.

John Wyeth & Brother
Incorporated
Manufacturing Chemists,
Philadelphia
Lyman, Sons & Co.,
Canadian Factors,
Montreal, Can.

December 1, 1903

TO THE DRUG TRADE:

We are pleased to announce that in order our many friends among the drug trade throughout Canada may be assured that our products supplied them will be identical with those emanating from our home laboratories, standard in quality, elegant in finish, accurate and permanent in composition, and that all preparations of our manufacture shall as well be promptly obtainable, we have recently had constructed and have now in operation at Montreal, under direct supervision and in charge of expert and competent chemists and pharmacists, who have had thorough and practical training in our home laboratories, a complete and well appointed laboratory, equipped with all the modern and improved appliances for the manufacture of our complete lines of pharmaceutical preparations, and hereafter all preparations emanating from our Canadian laboratories will bear across the label, in red letters, the imprint "LYMAN, SONS & CO., Canadian Factors, Montreal, Canada," and that hereafter and until further notice Messrs. Lyman, Sons & Co., of Montreal, will act as general distributors of the output of our Canadian laboratories, with The Lyman Brothers & Co., Limited, of Toronto, established as our distributing agents for central and western Ontario.

With this complete line of our standard pharmaceutical preparations immediately available, we trust druggists generally will feel encouraged to specify our products when placing their orders with their regular wholesale house.

Appreciating the favor and confidence we have enjoyed for so many years at your hands, and assuring you it shall be our endeavor to deserve your highest favor and confidence for the future,

We are,

Yours very truly,

John Wyeth & Brother
Incorporated

A CHINA URN FREE

With each **Carnation China Urn Case**

Price, \$30.00 F. O. B., Toronto



A BEAUTIFUL CHINA URN, richly decorated, with a 2-gallon, tin lined, copper water tank that will not rust, a gasoline heater, a half dozen china mugs, and sufficient Armour's Vigoral, Extract of Beef, Tomato Bouillon and Chicken Broth to maké 2,000 drinks. **A limited supply only.** Order early from your jobber to insure getting one.

Armour's Hot Drink Supplies

Catalogue of All Offers and Packages Sent Free on Request

DON'T WAIT UNTIL COLD WEATHER IS AT HAND TO
ORDER, GET READY TO START THE FIRST COLD DAY

Armour Limited, Toronto

The
Signature
of

Chas. H. Fletcher.

Is on
Every Wrapper
of

CASTORIA

Jobbers sell less than 3 dozen at \$3.00 per dozen.

Jobbers sell 3 dozen or over at \$2.80 per dozen.

Send for
Cards, Cartons, and Counter
Wrappers.

Genuine **CASTORIA** Always

Bears the Signature of

Chas. H. Fletcher.

THE CENTAUR COMPANY

77 MURRAY STREET, NEW YORK CITY.

Chas. H. Fletcher.

President.

Before the session adjourned it was decided to forward to Brockville, in the name of the Association, a suitable wreath to be placed on the coffin of the late Senator Fullford, who was the honorary President of the Association. A delegation of the members will attend the funeral.

The following letter of condolence will be sent to Mrs. Fullford:

"Madam,—I am directed by the meeting of the Executive and Board of Control of the Proprietary Articles Trade Association of Canada, in session here to-day, to express to you the profound regret of the members of the Association on learning of the untimely death of our late respected Honorary President, the Honorable Senator George T. Fullford. This lamentable occurrence, while depriving this organization of its chief and most distinguished member, at the same time robs our country of an enlightened legislator and one whose progressive character and instincts were an aid to the statesmen who rule the destinies of our Dominion.

"He was indeed one of the most estimable of men, and his success in life will ever stand as an incentive and example to others—to the vast number who had the advantage of his acquaintance or who knew of him—to follow the course of honesty, uprightness and integrity, which characteristics have ever marked his business career.

"Your own loss and the bereavement to the family is indeed irreparable, and it is at this moment of sadness and grief that his old associates desire me to express to you and to the family their sense of sympathy and heartfelt sorrow. Kindly accept, I would beg of you, this inadequate expression of sympathy and tribute to his memory in behalf of the members of this Association, all of whom are indeed deeply moved by the sad news and a realization of the incalculable loss sustained by them and by the great Canadian community at large.

"I have the honor to remain, yours respectfully,

L. S. Levee,

"Secretary."

This was the best executive meeting ever held in the history of the Association. The annual meeting will be held on the second Monday and following days in February.

MONTREAL DRUG CLUB'S SPORTS

The first annual field day of the Montreal Drug Club took place at the M.A.A.A. grounds, Oct. 5th. The weather was all that could be desired, and the officers of the Club were highly pleased with the manner in which their confreres co-operated to make the event a successful one. The attendance was about 500.

Dr. F. J. Tees acted as referee. Mr. W. Wight as announcer, and the following as judges, viz. Messrs. W. H. Chapman, J. E. W. Lecour, Joseph Contant, M. Albert. Representing the wholesale trade were Messrs. H. H. Lyman, Arthur Lyman, W. S. Kerry, David Watson, J. A. Dyke, J. W. Knox.

Among the retail druggists of the city present were: J. Skeith, H. W. Reynolds, L. A. Bernard, Jos. Contant, T. J. Quirk, R. H. Bryson, E. J. Nadeau, Jos. Charlebois, J. A. Nicolle, Oliver Dowler and others.

A baseball game took place promptly at two o'clock, East End vs. West End, under the captaincy of Messrs. H. Barre and F. L. Wolley. Dr. W. H. Smyth and T. J. Quirk, umpires. The sides were evenly matched, and the spectators witnessed a keenly contested game which ended in a tie. The score was 3-3. A tug-of-war immediately followed, Retail Druggists vs. Wholesale Druggists, won by the former.

Broad jump—1, Varty; 2, F. N. Brown; 3, Rivet.

880 yards race—1, Boivin; 2, Varty; 3, Hardisty.

Travellers' race, 100 yards—1, Varty; 2, A. Cunningham; 3, W. Davidson; 4, J. T. Waite.

Drug Club Committee race, 100 yards—1, G. W. Hayes; 2, Allan Cameron, Jr.; 3, Hercule Barre.

Message boys' race—1, Helferman; 2, Simpson; 3, Fenton.

Fat men's race, 100 yards—1, H. Archambault; 2, Oliver Dowler; 3, Shepherd; 4, Albert Cunningham.

Race for druggists in business, 100 yards—1, Paul Leduc; 2, F. L. Woolley; 3, Hercule Barre.

Certified clerk's race, 220 yards—1, N. B. Strong; 2, Lippens; 3, Merrill.

Apprentices' race, 220 yards—1, Rolland; 2, J. Tyrell; 3, Gagnon.

Three-legged race—1, J. Dearden and A. Cunningham; 2, G. Porter and H. Barre; 3, J. Tyrell and M. Aronson.

440 yards race—1, Gamble; 2, Porter; 3, Steele.

100 yards, 1st heat—1, Chipchase; 2, Durand; 3, Perry. 2nd heat—1, Gagnon; 2, Gamble; 3, Tyrell.

100 yards race, final—1, Gamble; 2, Gagnon; 3, Durand.

220 yards race (open)—1, Gamble; 2, J. Tyrell; 3, N. B. Strong; 4, Gagnon.

Consolation race, 100 yards—1, Sykes; 2, Garon; 3, Aronson.

Putting 16 lb. shot—1, G. W. Hayes; 2, N. Brown; 3, Martin.

The officers of the Club under whose auspices the games were held are: President, J. E. Tremble; Vice-President, Hercule Barre; Treasurer, J. H. Goulden; Secretary, A. T. Christie.

LIST OF DONORS TO FIELD DAY

Bode Gum Co., Lyman Sons & Co., Evans & Sons, Limited, Thermalite Co., H. K. Wampole & Co., Toronto Pharmacal Co., Saunders & Evans, Ottawa Truss Co., Harriss, Harkness & Co., Griffiths, Dixon & Co., Toronto; Lowney & Co., W. H. Chapman, J. A. Dyke, J. M. Cavanagh, R. H. Bryson, Leo G. Ryan, O. Dowler, J. J. Swift, E. J. Nadeau, F. Poliwka, F. L. Woolley, J. W. Bawden, Lawson & Jones, London, Ont.; Lyman, Knox & Co., Kerry, Watson & Co., F. Stearns & Co., Windsor, Ont.; Leeming, Miles & Co., Gilmour Bros. & Co., Wells, Richardson & Co., J. C. Wilson & Co., S. Davis & Sons, J. Palmer & Sons, Colgate & Co., New York; Society Retail Druggists, P. of Q.; J. E. W. Lecours, L. A. Bernard, T. J. Quirk, H. W. Reynolds, W. S. Stone, A. Decary, Dr. J. Leduc & Co., J. J. Weinfeld, T. E. Gagner, A. C. Paquette, J. E. Tremble, T. H. Wardleworth.

MONTREAL DRUG CLUB

A progressive euchre took place in the rooms of the Montreal Drug Club, on Thursday evening, Oct. 12th. Each member was privileged to invite a gentleman friend. Those present who did not play the game made good use of the billiard table and shuffle board. Playing commenced sharply at 8.30 and kept up until 11.30. There were twelve tables in play and about fifty visitors. Instrumental music was furnished by Messrs. Dearden and Nicholson. When the tallies were counted the following were the fortunate winners:

1st, Mr. M. Casey; 2nd, Mr. H. E. Archambault; 3rd, Mr. Sykes; 4th, Mr. Varty; 5th, Mr. Moore; 6th, Mr. Waite.

The President, Mr. Tremble, then took the chair, and in a few well chosen remarks thanked the members for turning out in such large numbers, and invited any present connected with the trade, who were not members of the Club, to make application.

The prizes won at the field of sports, the previous Thursday afternoon, were distributed, and many hearts were made happy. Mr. Henri Archambault and Mr. Oliver Dowler were the only representatives of the fat men's race, whose physical condition enabled them to be present, and it is reported around town that they are already in training for next year's events.

The last, and most amusing feature of the evening, was the presentation of "leather medals" to the following members: Messrs. Tom Christian, Teddie Lane, and John Weinfeld, whose feeble efforts on the race track the committee could not overlook without some form of recompense to encourage them on future occasions.

Mr. Shepherd, representing Colgate & Co., moved a vote of thanks to the executive, to whose untiring efforts was due the success of the field day and euchre. Mr. M. Albert endorsed Mr. Shepherd's sentiments, and strongly advised the boys to stick together and work in the interests of the Club, which has been the means of furnishing many a social evening for the drug trade during the past two years.

INCREASED DISCOUNT ON MAJOR'S CEMENT

A. Major writes: This past week I have devoted my whole time to attending the meetings of the N.W.D.A. I paid very strict attention to the papers that were read and to the discussions on the same. It has altered my mind to a considerable extent, so I have decided to comply with all the demands they are making on the manufacturers and have applied to become an associate member. As far as I can understand it, it is to refuse to fill orders from jobbers who sell to cutters or direct to cutters, and also, to Buying Clubs. I have come to the conclusion that the manufacturers need the wholesalers as distributors, and, as long as we need them, we should do everything in our power to make their business prosperous and agreeable. The Buying Clubs and the cutter only buy goods that are popular. A jobber, even if he only sells four or six dozen in a year, if we call on him, will give us an order for a half or one gross of the same, and so it is with the retailer, if he only sells from one-quarter to one-half dozen a year he will handle the goods, and again the jobbers are compelled to have their drummers call on a good many small buyers, even some of those they have to carry on account of limited capital, where the Buying Clubs only get the cream of the trade.

I have also come to the conclusion that I want to get nearer to the jobbers than I have in the past. The old adage is "When you touch a man's pocket you touch his heart." So I have made up my mind to increase the discount, and after this it will be 15 per cent., 2½ per cent. off, 10 days, freight and boxes free, 10 gross lots.

DANGER IN BARGAIN PURCHASES

In nine big stores out of ten that one goes into, odds and ends and stickers of all sorts are much in evidence. When one of these supposedly prosperous concerns goes to the wall, its shelves and warerooms are nearly always found loaded down with surplus stock, bought to save a trifling something in price. Part of the lot sold and the rest stuck. Style changed, something else came into favor. The owner lacked the courage to knife prices to the forcing point and still they stuck. By and by the inevitable happened.

COWAN'S PURE COCOA

(Maple Leaf Label)

COWAN'S
Milk Chocolate, Wafers,
Croquettes, Medal-
lions, Etc.

Are guaranteed absolutely
pure goods

The Cowan Co., Limited
TORONTO.



By Appointment Purveyors to His Excellency
The Governor-General.



CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited
TORONTO



Our "Ads"

are now in all the leading
papers, reaching all the Can-
adian people who will want

Stewart's

DELICIOUS

**Chocolates and
Bon-Bons**

**Are you Stocked? We have some
exquisite designs in Fancy Boxes.
Quality—the Highest**

SEND FOR PRICES

THE STEWART COMPANY,
TORONTO LIMITED

ATTENTION!

Advertising Physicians, Druggists, Opticians, Den-
tists, Veterinarians, Hygienists, Physical Culturists,
Pure-Food Promoters, Sanitary Clothing Dealers,
All Manner of Medical Lecturers, Patent or Propri-
etary Medicine Firms and Mail Order Remedy People.

I am a techno-literary purveyor of medical
publicity matter—a specialist in medical
ADVERTISEMENT WRITING.

Cards, letterheads, "write-ups," "prints," lectures, circulars,
pamphlets, books of any size, designed, written,
illustrated. Will also revise, correct, edit; make present-
able, artistic, scientific and "fetching" the work of authors or
of other advertisement writers who lack technical knowledge
or training for any branch of the medical advertising art.
Exclusively medical work. My mission is to bring business to

MEDICAL AND MEDICINE MEN.

If you are a medical or medicine advertiser and wish to secure
correctly constructed publicity matter that will create a demand
for your services or medicaments, I can help you.
Any medical print prepared. Will superintend printing and
furnish plates if desired. Publicity matter I write will be read.

IN FISHING FOR BUSINESS

Much will depend on the quality and disposal of your lines.
If they are not strong enough, or of proper texture and color,
let me prepare some for you. So long as you play them with
a medicine bait, I can do much to assist you to

SECURE A GOOD CATCH.

Send me samples of your present literature and I will suggest im-
provements. To cut purse strings "ADS MUST HAVE EDGE."
If yours are not sharp enough, have an expert grind them for you.

CORRESPONDENCE INVITED.

C. EDSON COVEY, B. Sc., M. D.,
388 E. CHICAGO AVE. CHICAGO, ILL., U.S.A.

Here's Your Chance!

A great half price Offer

Read every word of this announcement, for it is the opportunity of years. Never before was such an offer given to the public, and it is safe to say never will it be made again. This year several magazines have increased their subscription price, which shows how much greater this offer really is. Only a limited number will be sold at this price, therefore we advise everyone to accept this without delay. When we have received a certain number, we shall withdraw the offer.



Cosmopolitan

having now passed to the ownership of the most successful publishing house in existence, the Hearst organization, will shortly become the most widely read magazine in America. Over

500,000 copies a month

will shortly be required to fill the demand, while within a year it will outrank every other magazine in this country. "The best, no matter what it costs," is the motto of its editors, therefore it will be in Cosmopolitan that you will find the writers of world-wide reputation; the matters on which they write will be questions on public tongue; its fiction will be masterpieces of pen-craft; its whole contents will set the standard for magazine perfection. We cannot tell to-day who will be its contributors, for to-morrow's

sun may shine upon a new-born Conan Doyle, or the author of another "David Harum," and should such be, you will find it in Cosmopolitan.

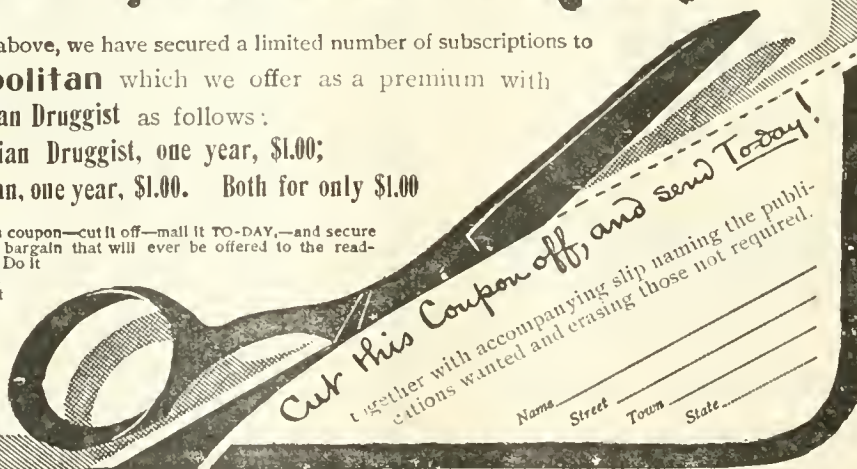
Our Extraordinary Offer

As noted above, we have secured a limited number of subscriptions to **Cosmopolitan** which we offer as a premium with **The Canadian Druggist** as follows:

The Canadian Druggist, one year, \$1.00;

Cosmopolitan, one year, \$1.00. Both for only \$1.00

Fill out this coupon—cut it off—mail it TO-DAY,—and secure the greatest bargain that will ever be offered to the reading public. Do it to-day, SURE!
We also want agents to work this great proposition for us.



I accept your offer of **Canadian Druggist** and **Cosmopolitan** both for one year for only \$1.00.

Or, **Review of Reviews** in addition for a total for the three publications for \$2.50.

Or, **Woman's Home Companion** in addition for a total for the four publications for \$3.00.

Remittance must accompany order.

A COUGH CURE CAMPAIGN

C. B. HOCKING

There are many druggists who have not given the cough remedy proposition very serious consideration and for many years have been selling the various preparations presented to them. Sometimes they will buy a cough cure put up for them by a responsible firm with their name on it and push it. The next year another firm will come along and quote them a little better price and they will switch off on to something else. By doing this they only get the trade that naturally comes their way and no special demand is created.

The object of this article is to outline a plan whereby you can create a special sale and get a little more than your share of the cough cure business. Also to show you how you can have a preparation that is distinctly your own, a preparation that people have to come to your own store for, and which can be obtained nowhere else.

THE NAME

A good name is a very material help to the sale of a cough mixture. Names suggesting some of the ingredients seem to take well, farmers especially like the old-fashioned remedies, such as Tar, Wild Cherry, White Pine, Tolu, Treacle, etc. White Pine though is a little hackneyed and something newer would be better. The druggist's name should be used in connection, such as Todd's Tolu and Tamarac, or White's Wild Cherry Balsam.

Some druggists find it rather difficult to work up a sale on any preparation under their own name. In cases like this a fictitious name could be used, e.g., English Cherry Balsam, and on the bottom of the carton, prepared by the English Remedy Co., Bristol, Eng. Sole agents in Canada, Bright & Co., Brighton, Ont. Your name, however, could be left off altogether.

For a name we will take Hunter's Honey and Horehound. It can be put up by any reliable house at a reasonable price in cartons with suitable reading matter pertaining to it, and any color wanted. A three ounce panel bottle is the most satisfactory. You can suggest your own formula or it can be put up with the following reliable formula:

White Pine, Wild Cherry, Balsam of Poplar Buds, Spikenard Root, Sanguinaria, Sassafras, Morphine Acetate, Chloroform, Honey, Horehound, in suitable proportions. This formula could be put up for about \$13 per gross in three-ounce bottles, with cartons.

METHOD OF ADVERTISING SAMPLES

A cough remedy always brings in big results from a sample. It may seem a little expensive

at first, but it brings in new business. It could be put up in ordinary two dram vials, which can be bought for 75c. per gross, or less in quantities, or it could be put up in another suitable container to hold about two drams. The label for same is given further on. A combination circular and coupon should be wrapped around the vial and worded as follows:

THIS COUPON IS WORTH 10 CENTS

Take this coupon to Hustler & Co's drug store and you will receive a twenty-five cent bottle of Hustler's Honey and Horehound for fifteen cents.

This coupon is issued to introduce this reliable cough remedy and will be issued only once. Do not delay in taking advantage of this offer.

Signature of purchaser.....

This coupon is
not good after.....

.....Detach coupon on this line.....

HUSTLER'S
HONEY AND HOREHOUND

A QUICK CURE FOR

COUGHS AND COLDS

It is very valuable as a remedy in all chronic Recent Affections of the Throat and Lungs, relieves obstinate Coughs, Croup, Bronchitis by prompting expectoration.

This remedy will not distress the stomach or impair the appetite as many medicines for coughs and lung trouble often do; its value will therefore be readily appreciated.

As its name implies, this preparation is composed of such well known old family remedies as Honey and Horehound along with other valuable medicinal ingredients that are used with success by the medical profession generally.

Price, 25 cents.

PREPARED ONLY BY

HUSTLER & CO.

DRUGGISTS

HUSTLERVILLE,

ONT.

This coupon should have the same distinctive color as the cartons, labels, etc.

If you do not want to use the coupon part of the circular get up a circular something after the style of this one, and omit the coupon.

The samples could be distributed from house to house and given over the counter to the customers just before the cough season. The coupon could be made "not good after a certain date," say a month from time of distribution. Persons not wanting a cough cure would often buy the preparation just to have it in the house because they can get it at the introductory price, the sample itself would be kept and would serve as a reminder of your preparation.

Some druggists may think that they would be giving too much by allowing ten cents on a bottle. If the coupon is objected to use the

sample and circular alone. The coupon, however, is a very good method of introducing a new remedy, and if your formulae is a good one the sample is sure to bring you in many customers.

SIGNS

A few good signs placed on the fences, and on the sides of barns in the country bring in the farmers' trade and are productive of good results. A good serviceable sign can be made from hemlock boards, size 5 inches wide, 3 feet long, and $\frac{3}{4}$ of an inch in thickness, painted with green background and white letters, or other suitable colors. A good sign can be bought at a reasonable price from some of the houses that make a specialty of this business. We suggest the following wording of signs:

STOP THAT COUGH?

USE

HUSTLER'S

HONEY AND HOREHOUND

HUSTLER'S

Honey and Horehound

QUICKLY CURES

COUGHS AND COLDS

A Cough that Lingers

IS QUICKLY CURED

WITH

HUSTLER'S

HONEY AND HOREHOUND

ADVERTISING IN PAPERS

In towns where there are weekly papers the druggist usually takes a five or six inch space. We submit a few copies for this amount of space:

A COUGH THAT LINGERS

SOMETIMES LEADS TO CONSUMPTION.

HUSTLER'S

HONEY AND HOREHOUND

NEVER FAILS TO CURE AN OBSTINATE COUGH.
DESTROY'S DISEASE GERMS.

HUSTLER & CO., HUSTLERVILLE

Stop that cough at once by using Hustler's Honey and Horehound.

Hustler's Honey and Horehound is nature's own remedy for obstinate coughs. Try it and be convinced.

STOP THAT COUGH?

USE **HUSTLER'S**

HONEY AND HOREHOUND

IT NEVER FAILS.

HUSTLER & CO., HUSTLERVILLE

An obstinate cough is quickly cured by using Hustler's Honey and Horehound.

Don't delay, get a bottle of Hustler's Honey and Horehound today for that cough.

---HUSTLER'S---

HONEY AND HOREHOUND

WILL POSITIVELY CURE

COLDS - AND - LA GRIPPE

IT NEVER FAILS.

HUSTLER & CO., HUSTLERVILLE

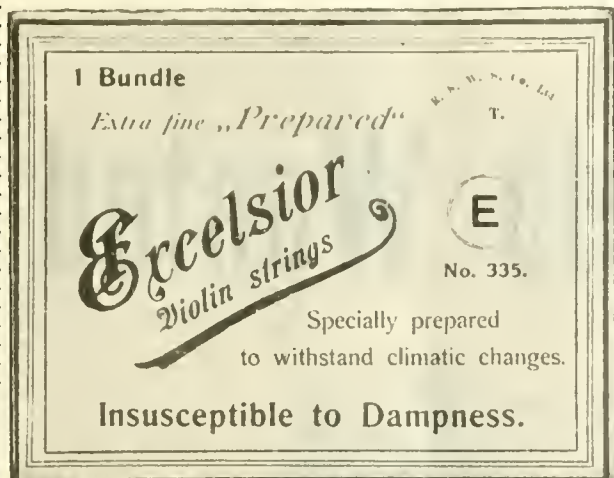
Colds and La Grippe are diseases caused by germs. Hustler's Honey and Horehound cures the disease by removing the cause.

La Grippe sometimes leads to serious results. Hustler's Honey and Horehound never fails to cure.

BEING IN SIGHT

They say that if a man would make a success of his business he must attend to it. They say that people who come to a store to trade like to see the proprietor. Of course, there is a certain period at which a growing business arrives when it becomes appropriate and perhaps necessary to keep himself shut up a good deal in a closed cage, called a private office. The majority of stores don't arrive at this period. We would like to say for the benefit of the unthinking that though they may devote pretty nearly all the hours and half-hours every day to store work, shut up in that private office, unless their office is open to the gaze of the public, the public don't know that the proprietor is there, and most of them will think that he isn't. The result will be that the man will get the credit for neglecting his business, and the business will suffer some of the natural results of such neglect.

Something to Crow About



A SAMPLE BUNDLE OF 30 STRINGS FOR \$2.35

Best Quality to Retail at 25c. each.

LET US SEND YOU OUR CATALOGUE
OF MOUTH ORGANS, JEW'S-HARPS, ETC.

THE R. S. WILLIAMS & SONS CO., Limited
TORONTO, - - - WINNIPEG.

Our Scenic Post Cards

PROPERLY TREATED,
LOOK LIKE WATER COLORS.

We are agents for the most beautiful artistic
cards published. Let us tell you how to increase
your post card business.

Agents for Davidson Bros.,
LONDON

Local views in collotype, hand colored
and glassy finish a specialty. Send for prices.

The
Copp, Clark Co.
LIMITED
TORONTO

ROYAL BALSAMIC PLAISTERS

As supplied to the Army and Navy at Scutari Hospital.

Makers of every
Description of

PLAISTERS

In the most
Approved Form

Specialty: POROUS AND EVERY KIND OF RUBBER PLAISTERS

SURGEONS' RUBBER ADHESIVE

In 1 yard rolls, each yard in enamelled metal box
On metal spools, 10 yards on each

Width	$\frac{1}{2}$	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3 inches.
Price	10 -	14 -	20 -	23 -	28 -	31 - per dozen.

Prepared only by the Sole Proprietors. W. MATHER, LTD., Dyer Street, Hulme, MANCHESTER

London and Export Agents—

MESSRS. MACE & HALDANE,

94 MILTON ST., LONDON, E.C., ENG.



TO THE RETAIL DRUG TRADE.

GILLETT'S LYE

If unable to procure Gillett's Lye from your
Wholesale House at prices quoted in our
Special Drug List **Send Order to Us**
and we will ship goods direct.

E. W. GILLETT COMPANY, LIMITED
TORONTO, ONT.

Druggist's Help Wanted

The help of 2000 Canadian Druggists is required to help themselves to large profits and in making the Contract Plan a success. The World's Dispensary Medical Association of Buffalo has contracted to secure to every druggist a profit of 50 per cent. on the sale of Dr. Pierce's Remedies. To enable the Company to succeed the aid of every druggist is urgently required. The Company has protected the profit on every bottle; it is spending large money to provide customers for the remedies, and will furnish material and matter for window display or other means of publicity.

Druggists who honestly desire to carry out their part of the undertaking and secure the promised profit are required to give all possible prominence to the remedies in their shops; to speak favorably of the remedies and their merits, and to urge their sale in preference to others of a similar character. Every druggist who is alive to his own interest will push Dr. Pierce's Remedies, and help make the Contract Plan a success. A well satisfied manufacturer is the best advertisement the plan can have.

A DISPLAY CARD FREE

One of the most artistic display cards as well as the best for attracting attention we have ever seen, has been recently gotten up by the R. S. Williams & Sons Co., Toronto.

The idea of the card is an artist's easel while instead of a canvas on it, it has a card proclaiming the merits of the Artist, Echo, and Rex Harmonicas, several samples of each of which are attached to the card. It is gotten up in green, red and gold colors, with an imitation mahogany easel. The outfit stands about two feet high by about 15 inches wide.



We judge the retail value to be about \$4.00. The R. S. Williams Co. state that they are giving these away free with every order for a gross of Harmonicas.

We think that live dealers would do well to get a price on one of these display cards even if they were not in a position to order the gross of Harmonicas.

Placed in your window they are sure to attract attention as well as to bring you business.

DONT WORRY; SMILE!

It pays to look well and carry a cheerful face. A man's outer appearance is accepted by the public as good evidence of his financial condition. It's unwise to admit that trade is dull, except, of course, to one's intimate associates. The pessimist is shunned by everyone who happens to meet him.

BOOKS, STATIONERY AND DRUGGISTS' SUNDRIES

Our numerous readers who carry in stock, books, stationery and the many sundries handled by druggists will find it both interesting and profitable when in town to call on the Copp, Clarke Co., Limited, 64 Front Street W., Toronto, who are located in a handsome cut-stone building, within a couple of minutes walk of the Union Station.

Among the special lines of interest at the present season are the Christmas papeteries which are to be seen in great profusion. They come in special boxes and sizes and are very elegant. Some have a special edging, others a hemstitched border and they can be obtained in various colors. There are some useful inkstands for com-



mercial purposes, and, while on this subject, we would remind our readers that ink and mucilage are articles that are best ordered and shipped before freezing weather sets in.

Our representative noticed a good line of Card Albums, ranging in value from \$1.80 to \$30.00 a dozen, the latter very handsome. Kodak albums, made by the firm, can be handled at from 80c to \$7.20 a dozen. Other album lines generally in demand are stamp, scrap and news-cuttings, while there is an immense variety of scribbling, exercise and note books. The demand for games for



winter evenings would suggest orders for these. The firm have all card games for young and old. Among the novelties are Sir Hinkum Pinkum Featherduster (very amusing); Foresight, played something like Flinch, which retails at 25c., and Speculation, which deals with stocks (and, be it

noted, all the stocks listed are Canadian). Among the old favorites are Parchesi, Crokinole, etc., a cardboard Crokinole retailing for 25c. Then there are checker boards, dominoes, and cribbage, a very large stock of tissue papers, crepe and flat; also tissue wire for making artificial flowers; paper napkins which can be used for table covers, mantel drapes and lamp shades; fancy baskets; a marvellously large package of toilet paper, The Majestic, which can be retailed at 10c., or 3 for 25c. In rolls The Giant is also a good brand for selling. Space will not allow us to refer to each article specifically, but the druggist in search of such articles as pencils, pens, blackboard chalk, cash boxes, letter presses, school bags, leather goods, satchels, portfolios, music rolls, wallets, ladies' and gentlemen's purses, letter cases, leather playing card cases (a strong line to retail at 50c., complete with cards), writing tablets and playing cards from 5c. up to 50c., can make his selection here with the greatest of ease.

Among the new books which are in popular favor are "Red Fox," by Chas. G. D. Roberts, profusely illustrated by Chas. Livingston Bull, suitable for adults and children, retail price \$2.00; "Northern Trails," by Wm. J. Long, illustrated by Chas. Copeland, a story of animal life in the far north, Labrador and Newfoundland, well got out, and retailing for \$1.75. What will appeal at once to boys is a popular edition of the famous Henty books, the first cheap edition brought out in Canada. There are 23 titles in the series and they retail at from 50c to 60c.

School books of all kinds are kept in stock and the well known Canadian Almanac published by this firm will be on sale about December 15th.

There is a great demand for burnt leather covers to books at the present time and the firm have a fine series of the same in stock, also a stamped leather series, in which a good seller is "Canadian Poems," by Chas. G. D. Roberts, author of "Red Fox." Among Scotchmen the Tartan series containing Scottish works by Crockett and J. J. Bell will be popular. A beautiful series is the Art series, published by A. & C. Black, descriptive of countries and places, which retail at \$7.00 a volume, but there is a cheaper line at \$2.50 and a few at \$2.00. For the studios there are three volumes of Bookmen's Biographies in morocco, retailing at \$1.50 apiece, with a cheap series at 35c. Among the really excellent books on the table was "The Gospels in Art," containing illustrations from the best masters descriptive of incidents in the life of Christ, beautifully got out, and a companion volume entitled "Women Painters of the World." These retail at \$2.50 apiece.

The following is a short list of some good selling books for Christmas: "The Grapple," by

Grace Macgowan Cooke; "A Specimen Spinster," by Mrs. Veigh; "The Red Reaper," by J. A. Stewart; "Queen Zixi of Ix," by L. F. Baum, and "Sir Toady Crusoe," by S. R. Crockett, both these being suitable for children; "Jules of the Great Heart," by L. Mott; "The Heart of Lady Anne," by A. & R. Castle; "A Servant of the Public," by Anthony Hope; "Roger Trevinion," by Jos. Hocking; "The Seats of the Mighty" (a special Christmas edition), by Gilbert Parker; "The Hundred Days," by Max Pemberton; "White Fire," by Jno. Oxenham; "Esays in Application," by Henry Van Dyke; "The Flight of Georgiana," by R. N. Stephens; and in light fiction, "The Czar's Spy" and "The Spider's Eye," by Wm. Le Queux; and "A Maker of History," by E. Phillips Oppenheim.

Of post cards, souvenir, comics, subject cards and English views and also of Christmas cards (Davidson's) the firm has a very large and attractive line of each.

TO EXTINGUISH A GASOLINE FIRE

A gasoline fire may be extinguished with flour, sand or earth; water should not be used. Some users of gasoline find it well to hang a bottle containing about a gallon of ammonia from the top of the tank or room containing the gasoline, by a string, so that if the gasoline takes fire the bottle will be broken with the fall, releasing the ammonia and promptly putting out the burning gasoline.

BUSINESS-OPPORTUNITY NOTICES

For Sale, Exchange, Help Wanted, etc., 50 cents for 25 words or less; subsequent insertions 25 cents. Send cash with order.

SPECIAL ATTENTION

I buy and sell Drug Stores exclusively. Expert service. Special plan. Drug men furnished positions. Employees furnished. It will pay you to write for particulars.

F. V. KNIEST, R.P.,

"The Drug Store Man."

624 N.Y.L., Omaha, Neb.

LEARN TELEGRAPHY & R.R. ACCOUNTING

\$50 to \$100 per month salary assured our graduates under bond. You don't pay us until you have a position. Largest system of telegraph schools in America. Endorsed by all railway officials. Operators always in demand. Ladies also admitted. Write for catalogue.

MORSE SCHOOL OF TELEGRAPHY

Cincinnati, O.; Buffalo, N.Y.; Atlanta, Ga.; La Crosse, Wis.; Texarkana, Tex.; San Francisco, Cal.

WHOLESALE TRADE ONLY

Stafford Allen & Sons Limited,

FOR

ESSENTIAL OILS

ALMOND
CARDAMOM
CLOVECUBER
CORIANDER
LAVENDER
SANDALWOOD, E.I.ORRIS ROOT
PEPPERMINT
PIMENTO

Insist on "ALLEN'S" in original bottles

EXPRESSED OILS

ALMOND (tinc.)

APRICOT KERNEL

CROTON

EXTRACTS, JUICES, RESINS, ROOTS, ETC.

Gold Medal, St. Louis, 1904

Registered Office and Drug Mills:

Cowper Street, London, E. C., England

Farms and Distilleries:

AMPTHILL and LONG NELFORD, ENGLAND

Papeterie Specials

In that Popular Square Shape.

Handsome Embossed Box Tops.

NOYON.	white linen finish paper,	24 sheets and 24 envelopes,	\$2.00 dozen
LYON.	light blue " " " "	" " " "	2.00 "
LOTHRINGEN.	grey " " " "	" " " "	2.00 "
BEAUMARIES.	dark blue " " " "	" " " "	2.00 "
TOURNAINE.	white crash " " " "	18 " " 18 " "	2.00 "
BUCKINGHAM.	white bond " " " "	24 " " 24 " "	2.00 "
OLD IRISH.	white kid " " " "	20 " " 20 " "	2.00 "
DERBYSHIRE	white smooth plate " " " "	20 " " 20 " "	2.00 "
COLBORNE FABRIC,	light, white linen " " " "	18 " " 18 " "	2.00 "

Also we have a strong line of **Special Holiday Papeteries** in all shapes of boxes and styles of paper, ranging in price from \$3.25 to \$13.20 per dozen. Let us send you a sample order.

HEADQUARTERS FOR:—

Correspondence Cards, At Home Cards, Tally Cards, Playing Cards.

Send for samples and prices on Flat and Crepe Tissues.

THE COPP, CLARK CO., Limited

64 FRONT STREET WEST, TORONTO

THE SUPERIOR PHARMACEUTICAL PRODUCTS

OF THE HOUSE OF
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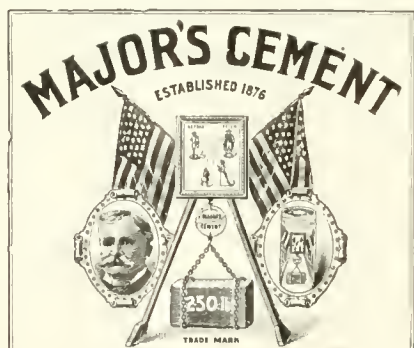
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The Powder is best adapted for Fleas on Dogs, etc. The Liquid for Fleas in the House, in Carpets, Rugs, Clothing, etc. The Liquid may also be used on Dogs and for Moth.

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Formulary

JELLY OF ROSES

1.—French Gelatin	1 dr.
Water	5 fl. oz.
Glycerite Borax	10 fl. oz.
Rose Water	6 fl. oz.

Soak the gelatin in the water over night and then heat on a water bath until dissolved. Add the glycerite and the rose water, previously mixed with a fluid dram of albumin (white of egg). Heat until the albumen coagulates and filter while hot through a cotton bag.

2. Gelatin	1 oz.
Water	24 fl. oz.
Glycerin	12 fl. oz.
Oil Rose	10 min.
Thymol	2 grm.
Alcohol	1 fl. dr.

Prepare as above.—Merek's Report.

LIGHT, PERMANENT COLD CREAM

This formula I have used for several years, and find it a light, permanent preparation of cold cream. Success lies in two essentials, a good egg beater and plenty of elbow grease.

Liquid albolene or white paraffin oil	1 pint.
Paraffin	4 oz.
White wax	2 oz.
Perfume to suit.	

Melt the paraffin and white wax on a water bath, then remove from the fire and add the liquid albolene, beating the mixture briskly until nearly cold. Add perfume and transfer to suitable jars. For the general trade I would suggest oil rose or rose geranium as a suitable perfume.—M. D. Hodges, in *The Apothecary*.

GLYCERIN CREAM

Spermaceti	45 parts
Paraffin	35 parts
Almond Oil	175 parts
Rose Water	70 parts
Glycerin	70 parts
Essential Oil to perfume	1 part

Mix and melt together the spermaceti, paraffin and oil; mix the glycerin and rose water and add to the melted mixture a little at a time under constant stirring. Remove from the fire, let cool down slightly, add the perfume, and stir till cold.

ALMOND CREAM

Almonds, Blanched	1 oz.
Rose Water	4 fl. oz.

Beat the almonds to a paste and add the rose water; strain, heat to boiling point and add:

White Wax	1 oz.
Expressed Oil Almond	2 oz.
White Castile Soap	1 oz.

Mix thoroughly and add:

Solution Boric Acid, Sat.	2 fl. oz.
Extract Violet	$\frac{1}{2}$ oz.
Glycerin	1 fl. oz.

PETRO STERILE

Petrolatum (amber)	1 ounce
Soft Soap	6 drams
Oil of Lavender	20 drops

Heat petrolatum and soap on a sand bath stirring until mixed, remove from fire and stir in the oil. While liquid pour into collapsible tubes.

This can be medicated with carbolic, boric, salicylic acids; sulphur, tar, mercury or any medicament where indicated.

It is a thoroughly sterilized petroleum lubricant and base. Saponifies to a creamy lather on coming in contact with water. An ideal lubricant and detergent. An emulgent, emolient and rubefacient of the first order. A soluble lubricant for surgical instruments; also for sounds, catheters, bougies, rectal tubes, vaginal forceps, speculums, etc., etc.

Freely washed from the instruments with water. Leaves no stain, produces no rust and cannot tarnish.

Protects plated instruments on account of a film of non-penetrable substance

COMPOUND TINCTURE OF IRON

We find the following in *The Drogisten Zeitung*, accredited to "A. Gyogyszeresh."

Saccharated Iron Oxide (G.P.) ..	70. gm.
Distilled Water	570. gm.
Simple Syrup	240. gm.
Spirit of Wine	160. gm.
Tincture Aromatic	1.5 gm.
Tincture of Orange Peel	3. gm.
Tincture of Vanilla	1.5 gm.
Acetic Ether	5 drops.

Mix.

ANTISEPTIC FOOT AND HAND POWDER

1.—Oil Cloves	1 part
Oil Lavender	3 parts
Tannoform	80 parts
Boric Acid	316 parts
2.—Tannoform	1 part
Orris Root	1 part
Talcum	8 parts

For excessive perspiration, etc.

LIQUID GLUE FOR BOTTLING

1.—White Glue	2 oz.
Acetic Acid	8 fl. oz.
Nitric Acid	10 min.

Mix the glue and acetic in a wide-mouthed stoppered bottle, set in a warm place, agitate frequently until dissolved, and then add the nitric acid.

2.—Glue	8 parts
Water	20 parts
Nitric Acid	1 part

Boil together for several hours.

3.—Glue	1 oz.
Acetic Acid	11 fl. oz.
Carbolic Acid	10 min.
Water	sufficient

Macerate the glue in 6 fl. oz. of water for 12 hours, heat the mixture on a water bath until the

glue is dissolved. add the acids, and finally enough water to make 1 pint.

- 4.—Slaked lime 4 oz.
 Sugar 6 oz.
 Water 18 fl. oz.
 Glue 6 oz.

Dissolve the lime and sugar in the water heated to 75 degrees C., decant the clear liquid, add the glue, and, after allowing to swell, again apply the heat until dissolved.

- 5.—Calcium Chloride 1 part
 Water 1 part
 Glue 5 parts

Dissolve the calcium chloride in the water, add the glue, macerate until the latter is thoroughly softened, and then heat until completely dissolved.

TOILET AMMONIA

- Ammonia water, 10 per cent.... 250Cc.
 Green Soap 120 Gm.
 Oleic Acid 10 Cc.
 Oil of Bay 1 Cc.
 Oil of Rosemary 1 Cc.
 Oil of Verbena 5 Cc.
 Water, enough to make 1,000 Cc.

Dissolve the soap in 500 Cc. of warm water and when cool add the water of ammonia and the oils; mix by agitation, and add lastly the oleic acid and enough water to make 1,000 Cc.—Amer. Druggist.

DANDRUFF POWDER

- 1.—Resorcin 60 grn.
 Tannolorm 60 grn.
 Salicylic Acid 5 grn.

Before use the powder is dissolved in 3 oz. of alcohol and 1 oz. of water, and the solution filtered.

- 2.—Resorcin 60 grn.
 Boric Acid 30 grn.

Dissolve in 4 oz. of water just before use. If desired, the powders in either formulae may be incorporated with an ointment, such as cold-cream, lanum, petrolatum, etc.

CONVERT ARTIFICIAL CAMPHOR INTO GENUINE

Richardson has lately patented a method for the conversion of artificial camphor (pinene hydrochloride) into the real article. Artificial Camphor, alcohol, water, sodium hydroxide and sodium formate are mixed together in the order named in molecular proportions, and heated for about ten hours at a temperature of 120 degrees C. After cooling, the alcohol is driven off, and the remaining mass is then acidified, and all the volatile products distilled off. The solid borneol, or isoborneol, distillate is then dissolved in about an equal amount of benzene, and oxidized with an equivalent quantity of permanganate of potash, the two solutions being well shaken up together. All the borneol is thus converted into camphor, which is separated by distillation and recrystallized. O. C. and D.

Optical Department

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics,
 Toronto.

NEW TREATMENT FOR DEFECTIVE EYES

The novelty of the following suggested treatment for defective eyes will make interesting reading for our readers. It is taken from the "Care of the Body Department" of The Los Angeles Times. The article is as follows:

There recently appeared in the press an item to the effect that the American Consul at Nottingham, England, had reported, in a consular bulletin, on the new, simple, and effective treatment of defective eyes. The editor wrote to the Consul, Frank W. Hahin, and received the following reply:

"Referring to your letter of 4th, I enclose copy of my report on the new eye treatment. I know nothing more than is contained therein. Dr. Smith is now en route to the United States, where his address for a time will be the Fifth Avenue Hotel, New York."

Here is the Consul's report:

"This locality is much interested in a remarkable new method of treating defective eyesight. It is described, briefly, as 'manipulation of the eye,' and was thought out and developed, it is stated, by Dr. Stephen Smith, surgeon to the eye department of Battersea Park Hospital. The precise method of treatment is not disclosed, remaining the inventor's secret. The treatment is described as gentle and gradual, a few minutes daily, causing no pain and having no injurious effect of any sort. Some patients are cured in a week, and in all cases improvement is rapid. Thirty patients who previously had to wear spectacles have so far been treated by Dr. Smith, and with one exception, it is stated, all have discarded glasses and can now read, at either long or short distances, as easily as people who have never needed glasses. The cures applied to myopia (short sight), hypermetropia (long sight), and astigmatism (irregularity in the shape of the eye), and are claimed to be permanent, which, of course, remains to be demonstrated.

"Optimists assert that the general use of this method will practically abolish eyeglasses."

It is not improbable that this treatment consists simply in a general massage of the eye, which is an excellent thing, as is scientific massage of any other part of the body.

The editor wrote to Dr. Smith, in New York, and received from him the following reply:

"In reply to yours of the 10th inst., I enclose booklet giving you some information. I may add, that I am in New York at the present time con-



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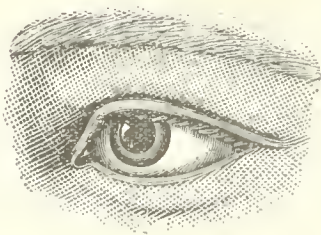
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monstrate what can be done. Further particulars of these test cases will appear in *The New York American*."

The booklet is entitled "The Cure of Myopia, Long Sight and Astigmatism without Glasses." It gives a brief outline of each ailment, but tells nothing of what the cure is.

Meantime, the following article on massage of the eyes, by J. J. Sullivan, masseur, of Philadelphia, appeared in *Medical Talk* for April. It may or may not be the same, or a similar treatment, to that practiced by Dr. Smith, but in any case it appears to be worth trying:

"First, hold the head steady—it does not matter whether you are standing, sitting or lying down—then turn the eyes to the right, and to the left, as far as you can without moving the head. Do this five or six times. Then turn them up and ducting treatment on twenty test cases to be down as far as you can, five or six times.

THE EYE—COMPARATIVE ANATOMY

Address delivered by Prof. Grant, B.O.A., at the annual convention of the Canadian Association of Opticians, held in Montreal, Province of Quebec, Canada:

All aboard, we are off on a journey, a journey which covers a vast area of time, an inconceivable amount of evolutionary development our tickets are punched the "World," our time limit one hour, so we will travel by lightning express on that old-time safe air-line "Investigation"; the experienced and trusty engineer "Science" has his hand on the throttle, so hurry up, and get aboard as we have no time to linger, many way stations to stop at on the journey, much that will interest us, many wonderful things to astonish us; yes, it will be a pleasureable trip if we keep our ears alert and our eyes open as we rush along, and I hope at the end of the journey it will map out a new line of thought and emulate us with a desire to travel over the road again, to linger more leisurely at the hundreds of way-stations that line it on either side. A few only of the principal one's we will stop at to-day, all, however, thronged with myriads of population, each separate class presenting some feature peculiar to themselves, amazing in completeness, startling in their wonderful adaptation, abounding in conception, unsurpassable in design, radiant in beauty, and infinite in wisdom.

The guard shouts "all aboard" and we are off. Nature lays around us in all her charming variety, the air, the sea, the land; and while we are speeding to our first station, let us mentally equip ourselves for the journey.

And God said, "let there be light." When this Almighty fiat went forth, with all its attendant

circumstances, what a panorama is presented to the eye of the enquiring mind.

The mighty ethereal elements groan and travail and concentrate; the imponderable assumes the ponderable; the sun answering the imperious mandate evolves in all his glory, in all his majesty, and the father of our planetary system, guided by the Will of Omnipotence, gathers round him his constellation of sons and daughters, and as they increase in form and strength, as they assume the well-balanced proportions of vigor and motion, light came with all its vibratory forces to stir into activity the primeval molecules, fit for the endowment of vital force and ready to assume the beautiful garments of nature.

I used the expression, light came with all its vibratory force, and with its vibratory force and motion evolved the eye, for light was the progenitor of the eye and vibratory motion its womb, evolving it from its lowest form to the wonderful adaptation of its highest, from that of the zoophyte to that of the human; from that of mere sensitiveness to its evolving force, to that, which empowers it to master the mind, to control the affections, to lift us as king of created matter and monarch of all we survey.

Through some of the labyrinths of this pathway of life, this laboratory of science, this exquisite arrangement of means to an end, in "comparative anatomy" we are on a journey to-day, though our time limit does not permit but a little gazing through the car windows at a few of the glories that lay spread out beyond, rich in all the fulness of their enchanting variety.

But we hear the whistle sound, and we arrive at our first station which is named "Amoeba." Now, the Amoeba is said to be sightless, but I believe not insensible to the influence of light, for on viewing these dots of protoplasm with the microscope, I have often caused the bright light from the reflector to fringe their bodies, and I have found that invariably they moved in its direction, and therefore that this and other locomotive medusa are endowed with an extremely delicate astuteness to the influence of light which affords them a communication with surrounding media, sufficient to guide them in their limited sphere of life.

In the extremely minute microscopic infusoria, I have for hours watched hundreds of them, swimming and gamboling about in a drop of water only a few millimeters in diameter, through which they have crossed and re-crossed, up and down, over and under, in and out, gyrating in all directions with wonderful celerity and precision, yet, with the celerity of that melodramatic character, Punch, which all schoolboys relish, they have eluded all contact with each

other. They must have some keen sense of sight, but too minute for demonstration.

In the more highly organized polygastric and wheel animalcules I have certainly detected a power of direct vision, which I think is placed on the end of the "horn," for I have observed on many occasions, when these tiny creatures were fishing with their wheels, that they inclined their bodies in the direction of a floating dot of succulent matter, the better to get it within the influence of their whirling maelstrom. This action, I believe, was controlled under the influence of direct visual impulse.

In the annelida, from the worm to the leech, including those that live in the ground and in the water, we find the eye more developed from a simple enlargement of the extremity of a nerve filament, which creates a localized sensibility to light, to its expansion into the form and attributes of a single primitive ocellus, having a slightly hardened cornea and black pigment beneath. In the common leech, for instance, they are ten in number, arranged over the crown of the head, each containing a lens, a provision probably called for on account of the continuity of the head, neck and body in one piece. But the whistle sounds again, for a station which at once attracts our attention, for it is gaily decorated with all the colors of the rainbow, and we rightly conclude that it is the home of the butterflies, the moths and the beetles.

Here we meet with a startling up-grade of visual power and adaptation, and are lost in wonder, and revel in admiration of the profound resources of nature to provide all that is necessary, yea, more than is necessary to guard from danger or guide to sustenance. Here we find the eyes simple, conglomerate, or that wonderful aggregation of eyes, called compound, which has held in entrancement the most acute observers, and has been aptly described "as the most magnificent and elaborate specimen of minute structure with which we are acquainted in creation."

In the compound eye our imagination can run riot. We may suppose one nerve enlargement is formed and through want of mobility and under the influence of light impulse, its adjacent nerve head becomes similarly evolved and thus through succeeding generations was the compound eye built up.

The facet or cornea of each ocellus is hexagonal, a wonderful provision of nature, for had they been round there must have been spaces or interstices between the ocelli, but being hexagonal they lie more closely to each other.

Each ocellus is formed of a cornea, an aqueous, a lens, and a vitreous; all enclosed in the retinal enlargement of the nerve filament, the whole being surrounded by the common choroid matter which fills up all intervening vacant space, and

probably serves as the vascular medium, and becomes more dense as it approaches the general retina, and it is beneath this general retina that we find a feature different from all other kind of eyes, for from and connecting with the enlarged bulbous extremity of the optic nerve are a series of nerve pillars, and it is to this peculiar arrangement that I wish to call your attention.

The image rays transmitted by a group of ocelli, after filtration by the surrounding choroid are projected upon the general retina in groups, forming as it were a mosaic picture, which is further fused by the nerve pillars, which acting as a chiasma pass the perfected picture on the enlarged head of the optic nerve, thus the insect, although not able to move its eye, obtains a constantly changing kaleidoscopic picture of surrounding objects; without eyelids or apparent accommodative power the sight of these eyes must be limited, although we may suppose a stereoscopic effect follows the concentration of the image rays, and their fusion in the retinal pillars gives a certain amount of distant vision, but that for near vision only one ocellus is used.

But while we have been talking we have passed another station named "Mollusca." In the mollusca and crustacea we find a different arrangement, some are sightless, such as the mussel, oyster, etc., its place being supplied by a supersensitiveness to vibratory influence, they being further provided with a walled chamber, their shell, within which they can dart with the swiftness of an arrow, or lie asleep secure from danger or predacious enemies. In the higher class, such as the nautilus, cuttle fish, etc., the eyes are well developed, generally two in number, distributed on each side of the head, or placed on peduncles capable of being withdrawn into a protecting sheath; but here another peculiarity attracts our attention; the lens is divided into two parts, something after the manner of a coddington lens, the interspace being filled up with an extension of the choroid coat, and I need scarcely point out the advantage attained thereby, being a fine, clear, retinal picture.

In the crustacea, of which the lobster is an example, we find the eyes on the ends of peduncles, a grand compensation for the fixed union of the head and thorax, for these peduncles are capable of movement in all directions, even inwards at will.

In the snail tribe the eyes are placed on the end of tentacula, and can be thrown into folds or entirely hidden within the protection of its shell. But the whistle sounds again and the sweet song and melody that greets our ears announces to us that we have arrived at the station of the "Birds."

(To be continued.)

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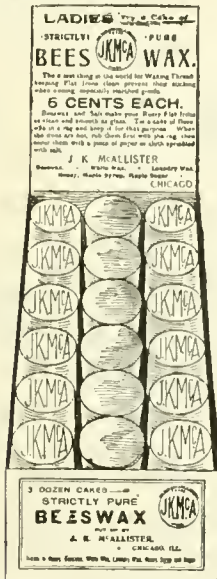
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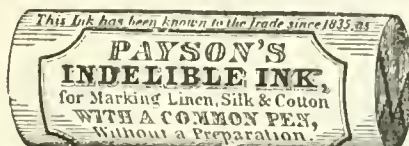
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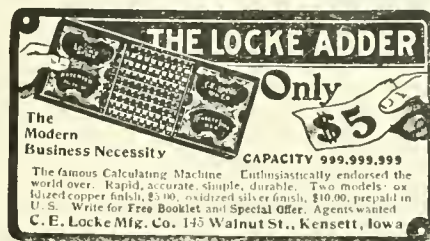
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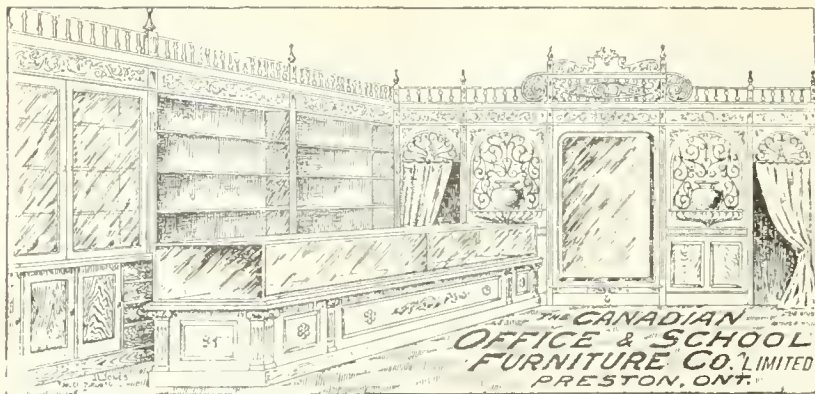
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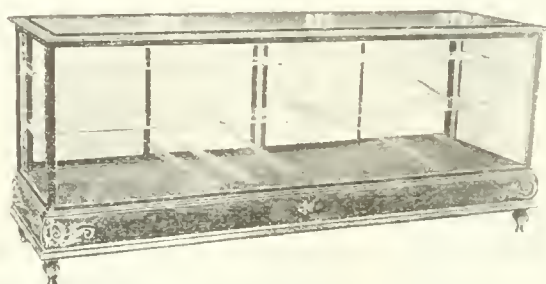
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DRUGGISTS

VANCOUVER and VICTORIA, B.C.

ESTABLISHED 1858
INCORPORATED 1902

Encourage Home Manufactures

Auld's Premium Mucilage. The best made.
Lithograms and Lithogram Composition.
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A PRACTICAL JOURNAL OF PHARMACY,

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WHOLESALE DRUGGISTS

AND IMPORTERS OF FINE DRUGGISTS' SUNDRIES

CORNER OF PRINCESS AND MARKET STREETS

WINNIPEG, MANITOBA

COMING WEST?

SHOULD you desire to come to the great North-West, either to engage in the drug business for yourself, or to take a position as a clerk, we may be able to assist you.

We are constantly in touch with every section of Western Canada, and we shall be glad if we can be of service to any one, desiring information, as to location, etc.

WRITE US

DRUG REPORT

Toronto, Oct. 25, 1905

Business during the past months has been very good.

Camphor has started upward in price and the general opinion is that it will be higher still.

Black Antimony has been steadily advancing for some time and has now nearly doubled in price and there does not seem to be any prospect of a decline in the near future.

Ipecac Root is higher.

Cocaine Mur. is lower in price and no one seems to know why.

Bromides. The agents of the German syndicate have advanced their price a little.

Menthol. This article has shown many fluctuations during the last month, but the present advance is maintained and higher prices not improbable.

The Opium market continues to advance steadily and higher prices are looked for.

American Saffron maintains its high price. We understand that two houses in New York virtually control the stock, so it is not likely that it will be lower in the near future.

CHANGE IN PRICES

A. Advanced. D. Declined.

A. Antimony Powder, Pure Lb. .16
(In price list this is priced per oz. in error.)

A. Antimony Pulv. Con. Lb. .12

A. Amylene Hydrate Oz. .80

A. Acid Formic Oz. .25

D. Bark Cascara Lb. .25

A. Bark Angustura Lb. .75

D. Berries Saw Palmetto Lb. .50

A. Crocus Martis Lb. .20

A. Camphor in Bells (not Balls as per list) Lb. \$1.20

A. Camphor in $\frac{1}{4}$ lb. Blocks Lb. \$1.25

A. Camphor in oz. Blocks Lb. \$1.25

A. Camphor in $\frac{1}{2}$ oz. Blocks Lb. \$1.30

A. Camphor, Powdered Lb. \$1.55

D. Cocaine Mur. Oz. \$4.50

D. Gum Cotton Oz. .25

A. Iron Rubigo Lb. .20

A. Menthol Oz. .75

D. Oil Savin Oz. .12

D. Oil Peppermint, American Oz. .30

A. Opium Lb. \$5.00

A. Opium, Powdered Oz. .15

A. Root Ipecac Oz. .22

NEW GOODS

Ethylene Chloride Oz. .50

Acetamide Oz. .60

Acid Capronic Oz. \$2.50

Acid Fumaric Oz. \$3.00

Anthracene, Purified Oz. .30

Anisol Oz. \$1.25

Acid Trichlorolactic Oz. \$2.00

Acid Dichloroacetic Oz. \$1.00

Amalgam cu Soda 10 per cent. Lb. \$3.75

Acid Soda Phosphate Oz. .20

Alypin, 16 grain bottle Ea. .25

Benzyle Chloride Com. Oz. .40

Benzyl Chloride, Pure Oz. .60

Benzylamide Oz. \$6.00

Bismuth Trichloride Crystal ... Oz. .90

Copper Shot Lb. \$1.25

Diphenylamine C. P. White Oz. .25

Ethyl Formate Oz. .20

Ethyl Butyrate Oz. .20

Empyiform, 25 gramme Ea. .75

Iron Nitrate Crystals Oz. .25

Iron Oxide Red Oz. .15

Iron Oxide Brown B.P. Oz. .20

Lead Powder, Extra Pure Lb. \$1.60

Laevulose, Diabetic, 100 gramme

tin Ea. .75

Laevulose Syrupy, Microscopy.. Oz. .75

Mercurous Oxide, Black Oz. .35

Mercuric Sulphide Red Oz. .25

Phenylenediamine Meta Hydro-

chlor Oz. \$1.25

Phenylenediamine Para. Pure... Oz. \$1.25

Potass Hyposulphate Oz. .50

Potass Hyposulphite Oz. .25

Potass Iodate Oz. \$1.00

Potass Lactate Oz. .50

Potass Silicate, Pure Dry Oz. .40

Quinoline Oz. .75

Rosaniline Oz. .60

Sodium Plumbate Oz. .25

Soda Hyposulphate Oz. .30

Sodium Stannate Oz. .20

Theine Oz. .70

Tin Powder, Fine Oz. .20

Tin Mono-Sulphide Oz. .25

DRUGGISTS' CONFECTIONERY

Robt. Gibson & Sons

Limited

MANCHESTER And 1 Glasshouse Yard Aldersgate Street LONDON, ENG.



(From the Original Formula) Contain CALOMEL, JALAP, and SANTONINE in

Beautifully Enamelled Counter Show Tins

These Cakes are wrapped in tin foil to preserve them from atmospheric influence, and then enclosed in an envelope, printed with directions.

HIGH-CLASS LOZENGES Of Every Description

CHLORODYNE COUGH LOZENGES

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PEPPERMINT LOZENGES

In every variety of size and strength. Curiously Strong, and Multum in Parvo Mints give the utmost satisfaction.

Medicated Lozenges of Pharmacopœia Strength.

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LOZENGES

Are now in great demand. We recommend all who have not had them to order a sample parcel.

A.B.C. COUGH PASTILLES

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Sent out in 4-lb. Glass Show Jars. (Jars free.)

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The Canadian Druggist

VOL. XVII.

TORONTO, DECEMBER, 1905

No 12

The Canadian Druggist

MONTHLY.

WILLIAM J. DYAS, PUBLISHER

Subscription \$1 per year in advance.

Advertising rates on application.

The CANADIAN DRUGGIST is issued on the first of each month, and all matter for insertion should reach us by the 20th of the previous month.

New advertisements or changes to be addressed

Canadian Druggist,

15 Toronto Street,

Telephone, Main 3203

TORONTO, ONT.

Cable Address : SAYD, TORONTO

OUR WISHES

Before another issue of The Canadian Druggist reaches its readers the holiday season with its increased business will have come and gone. We extend to all our best wishes for a rousing holiday trade and those who have regularly perused our advertising columns and acted on the information in them will, we believe, have this wish abundantly realized.

May one and all realize fully the joys of prosperity and happiness, coupled with a thankfulness for both. To readers and advertising patrons we extend our greetings for

A MERRY CHRISTMAS

and

A HAPPY NEW YEAR

THE WHOLESALE DRUG SITUATION

The much talked of amalgamation of wholesale drug firms in Canada has virtually become an accomplished fact, and a company has been organized to carry out the scheme, as will be seen by reference to our columns elsewhere.

That the new departure, as it may be termed, is an eventful one in drug circles is recognized by all branches of the trade, and both wholesale and retail houses await the final consummation of the amalgamation, and an outline of its plan with considerable interest.

From the standpoint of those wholesale firms who have joined the combination or perhaps more properly speaking, who have sold their respective businesses to the new company, the new order of things should be in the right direction, as the new company in view of the present overlapping in business, and the unnecessary large expenditures, particularly in reference to management and also in the number of travelling representatives employed should be able to guarantee a much larger return on the amount invested than is at present realized. Some members of the retail drug trade have expressed a fear that the tendency would be to advance prices, supposing that this company would control the trade. However, it is evident that the latter cannot be the case as two of the largest wholesale houses of the Dominion, Messrs. Lyman, Sons & Co., Montreal, and their allied house, the Lyman Bros. Co., of Toronto, have signified their intention to remain outside of the combination, and carry on business just as progressively as in the past, as have also the Martin, Bole & Wynne Co., of Winnipeg. Besides which there are other houses whose jobbing trade as yet is somewhat limited, but who are rapidly coming to the front.

In addition to these there is every reason to believe that the large manufacturing concerns in this country, who have very large laboratories and are using immense quantities of crude drugs will in some cases, at least, develop trade in somewhat similar lines to the wholesale druggists. Taking all these facts into consideration, we see no reason why the retail trade should look unfavorably upon the present situation, which simply means that a large percentage of the wholesale drug firms will in all probability be able to earn larger dividends, through a saving of expenditure in management, etc., than in past years, and that competition will still regulate prices and terms.

A DOMINION CERTIFICATE

At a meeting of the Dominion Dental Council held in Toronto recently, at which representatives were present from the Provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Manitoba,

Saskatchewan, Alberta, British Columbia and Prince Edward Island, it was resolved to adopt a standard which recognized matriculation into any institution in Great Britain or Canada in medicine and dentistry, by the General Medical Council of Great Britain, or matriculation into the faculty of arts of any Provincial university of Canada.

Dentists who have been in practice for ten years can receive a certificate of the agreeing Provinces of the Dominion immediately if desired; those who have been in practice less than ten years either have to pass the examination or wait until they have been in practice ten years before receiving a certificate; those who are now students must serve four years, and then pass the examination; and those who hereafter become students must pass the matriculation standard agreed upon, and pass the examination and graduate through a Canadian dental college.

The object of the Council is to nationalize the profession, so as to make the arrangement reciprocal between all the Provinces and Great Britain. Rules of a very stringent nature were adopted, which will thoroughly safeguard the examination, and the leading principle of the council is that from the first the certificate of the Dominion Dental Council shall be the highest in the world.

We have long advocated just such a step being taken in Canadian Pharmacy and hope that it will not be long before the various Pharmaceutical Associations in the Dominion will fall into line with the medical and dental professions in establishing a Dominion certificate obtainable by examination before a Dominion examining board.

THE NATIONAL DRUG AND CHEMICAL CO.

The National Drug and Chemical Company of Canada has been incorporated with capital of \$6,000,000 and headquarters in Montreal, Que.

The names in the charter are:—Alfred B. Evans, Charles Lyman, James W. Knox, Frederick G. Lyman, W. N. Kerry, T. H. Wardleworth, of Montreal; J. J. Evans, of Liverpool, Eng.; F. C. Simpson and James B. Hattie, of Halifax; James Mattinson, of London, Ont.; Charles Tinsling, George Rutherford and W. C. Nesbitt, of Hamilton; H. W. Barker and Charles T. Nevins, of St. John, N.B.; T. W. Henderson and W. Henderson, of Vancouver, B.C.; Peter Lamont, of Nelson, B.C.; D. W. Bole, M.P., W. F. Bole, of Winnipeg, Man., and W. S. Elliott and George H. Clarkson, of Toronto, Ont.

The Provisional Directors are Messrs. D. W. Bole, Charles W. Tinsling and Theodore H. Wardleworth.

Mr. Bole in an interview with a press correspondent gave out the following statement:

"The company holds options on nine-tenths of the wholesale drug business in Canada. These will be taken over as going concerns and operated under a central management at the headquarters in Montreal.

Of the \$6,000,000 capitalization, \$2,750,000, two and three-quarter millions is 7 per cent. preference stock, and \$3,250,000 common stock. \$500,000 preferred and a block of common will be left in the treasury for future developments. The balance has been subscribed for by members of the individual companies.

No stock will be offered to the general public. In addition to the assets, including stocks of merchandise, real estate, and book accounts, subscribers to the common stock will contribute \$250,000 in cash.

THE BEST IN CANADA

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Toronto, Canada, Nov. 18, 1905.

The Canadian Druggist,
Toronto.

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That unquestionably in our estimation the Druggist is one of the best of Canadian Magazine advertising mediums, not only in regard to the quantity of results, which it brings but also as to the high quality of these results.

Trusting that you are having the success which is due to your publication, we remain.

Yours very truly,

(Signed) The R. S. Williams & Sons Co., Ltd.,

per, W. E. Moore,

Sales Manager.

AN AGENT SELLING CASTORIA

IS ACCUSED OF MISREPRESENTING HIS GOODS AND PLEADS
GUILTY TO THE CHARGE

E. A. Gagnier of New York has been calling on various grocers in this section and offering for sale a brand of Castoria said to be manufactured by the Morrell Medicine Company of New York. Wednesday, Gagnier was in Levant and sold a case of his goods to the Levant grocer, Patrick Murnan. Later Mr. Murnan discovered that the Castoria was not the brand he supposed he was purchasing and he hastened to Falconer and procured a warrant for the arrest of the agent on a charge of obtaining money under false pretenses. Gagnier was taken to Falconer late in the evening and arraigned before Justice Griggs. While denying that he misrepresented his goods Gagnier said he would plead guilty, and he was according-

GRAND PRIX, ST. LOUIS, 1904

Howards & Sons

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MR. J. M. SCHEAK,

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ARE THE
Standard of Purity and Efficacy

We have introduced PHENACETIN, SULFONAL and TRIONAL. Every medical man will find it worth his while to give our preparations a thorough trial.

VERONAL

A reliable hypnotic.

MESOTAN

An external remedy in rheumatism.

CITARIN

A new Anti-Arthritic.

PROTARGOL

A substitute for arg. nitr.

THEOCIN-SOD. ACETATE

A most powerful diuretic.

CREOSOTAL & DUOTAL-BAYER

Specifics in pneumonia.

ISOPRAL

A substitute for chloral hydrate.

EUMYDRIN

A new mydriatic and substitute for Atropine.

ALYPIN

A new local anaesthetic.

ASPIRIN

A substitute for the Salicylates.

HEROIN HYDROCHLORIDE

A substitute for Morphia.

HELMITOL

A new urinary antiseptic.

SOMATOSE

The ideal food for convalescents.

ARISTOL

An excellent cicatrisant.

TRIONAL

A promptly acting hypnotic.

JOTHION

A new preparation of iodine.

TANNIGEN

An intestinal astringent.

SALOPHEN

A mild anti-rheumatic.

WILSON'S INVALID'S PORT

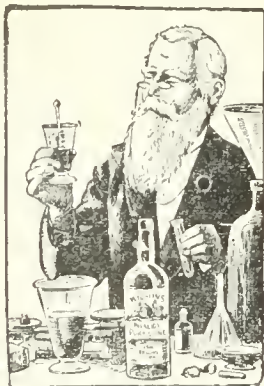
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THE OHIO INSTITUTE OF PHARMACY, Columbus, Ohio.

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SPECIAL

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HIGH-GRADE BRUSHES

of all descriptions and compare our prices with those of other concerns. Special discounts for Xmas trade, as we have just received large shipments of Rosewood, Ebony, Sandal, Walnut and Ebonoid, ranging in price

From \$1.00 to \$30.00 a Dozen.

Also a large stock of **Individual Mirrors** and **Toilet Sets**. If goods are not satisfactory, return them at our expense.

SHORT & CO.

Board of Trade Building

MONTREAL

HORLICK'S MALTED MILK

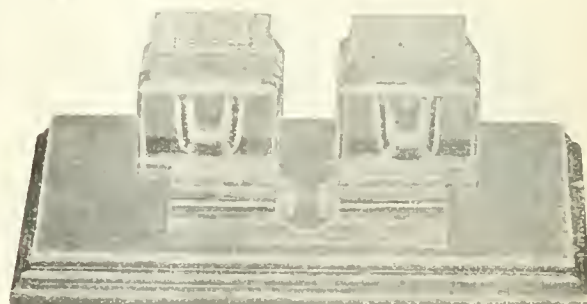
For INFANTS, INVALIDS,
the AGED and TRAVELERS

SAMPLES, SIGNS AND ADVERTISING
MATTER, FOR FREE DISTRIBUTION,
WILL BE SHIPPED, PREPAID, TO
DRUGGISTS, UPON REQUEST - - -

HORLICK'S FOOD COMPANY

Pioneer Mfrs. of Pure Malted Foods
Racine, Wis., U.S.A.

GILMOUR BROS. & CO., Sole Agents for Canada, Montreal.



We have now on hand a choice assortment of
our own make of

INK STANDS
AND FULL SUPPLY OF
STATIONERY and
OFFICE SUPPLIES
LEATHER GOODS

Purses, Portfolios, Ladies' Bags, etc.

Own make, newest styles and designs
finest leathers - undoubted value

Brown Bros., LIMITED

Manufacturers of Leather Goods, Account Books, etc.

51-53 Wellington Street West, Toronto

ly fined and released. He also agreed to refund the money Mr. Murman had paid him.

The above is taken from the Jamestown, N.Y., "Journal" and is further evidence of the risk merchants take in buying through other than regular channels. Fletcher's Castoria is the genuine, everybody knows it, and no responsible druggist will handle an imitation.

BRITISH COLUMBIA PHARMACEUTICAL EXAMINATIONS

The semi-annual examinations of the British Columbia Pharmaceutical Association were held in Vancouver, B.C. The following passed:

Major examination—J. A. Beaton (M. A. W. Co.), Vancouver.

Minor examination—H. H. Mackenzie (T. A. Muir & Co.), New Westminster.

The following were granted registration as licentiates on their Ontario certificates: W. H. Goodeve, W. T. Esdale, E. M. Cawker, A. C. Lochhead, W. Brodie, E. W. Hazlewood, H. Eldridge, L. D. Cooke, J. F. Johnson, and on the certificates of the B.C. Medical Council, J. W. Cross and J. C. Elliot.

The following have been granted registration as apprentices: R. L. Netherby, F. H. Clark, R. T. Cook, C. A. Gilbert, T. P. Allen, Leo Christian.

A SALUTARY LESSON

A Toronto druggist doing business on Queen St. West, was fined \$20 and costs, with an alternative of 30 days in jail, by the police magistrate, Nov. 21st, for selling carbolic acid without making the proper entry of it. In giving his decision the magistrate remarked, "If I had my way I'd make it more. I'm probably saving him from being hanged."

In view of the numerous cases of poisoning from the administration of this drug we are at a loss to understand how any druggist can neglect to comply with the law, if for nothing else than for his own self-protection, leaving aside altogether the higher principle of protecting the public.

Last month we called particular attention to the neglect of these matters by many druggists, but it evidently requires a severe lesson to compel some of them to observe the law as it should be done.

\$20,738.00 DAMAGES

A lawsuit of special interest to the drug trade has just been concluded (Nov. 27th) in the United States Circuit Court, Philadelphia, Pa. The suit was that of C. G. A. Loder, a retail druggist, against the Wholesale Druggists' Association, the National Association of Retail Druggists

and the Philadelphia Retail Druggists' Association. Mr. Loder was a cut-rate druggist and alleged conspiracy on the part of the defendants to ruin his business by preventing him from obtaining supplies. The contention of the defendant, as represented by Mr. Shoemaker, of the wholesale drug house of Shoemaker & Brush, was that the refusal to supply a cut rate druggist was due to sympathy for the retail trade. A verdict was rendered for the plaintiff for \$20,738.00.

MONTREAL NOTES

The retail druggists do not take kindly to the merger business. It is looked upon as a monopoly. A power which many seem to regard with suspicion. However, the consensus of opinion seems to be that it cannot become an accomplished fact over such an extensive territory.

It is stated there is a wholesale house in each of the following places that will not be "merged," Montreal, Toronto, Halifax, Vancouver, and Winnipeg.

Dr. Chagnon has opened a new drug store in Sherbrooke, and Mr. McManamy has purchased the business of Mr. G. Richard in the same town. Sherbrooke, one would suppose, will soon have more drug stores than it can support.

Messrs. H. K. Wampole & Co., have very wisely opened a branch warehouse in Montreal.

It is absolutely impossible for a retail pharmacy to carry in stock all the preparations made by a manufacturing pharmacist and the same may be said of a wholesale house. Therefore facilities of this kind are very welcome.

Mrs. Leveque, widow of the late Mr. Leveque, is carrying on the business of her late husband, under clause 4,032 of the act. Mr. St. George is in charge and acting for the widow.

At the regular monthly meeting of the Council of the Pharmaceutical Association, held last week, Mr. Muir, the indefatigable Registrar, was directed to look up several irregularities not only in city drug stores, but in some country towns of this province. Clauses 4,035 A, 4,035 B and 4,035 C of the Pharmacy Act are very clear as to the proprietorship of drug stores.

Mr. Kenneth Campbell it is reported has purchased the business established some years ago in the Montreal Annex by Mr. Webb, and which was eventually sold to Mr. I. T. Lyons. Mr. Campbell is now carrying it on under the management of Mr. Webb.

A new pharmacy has been opened at the corner of St. Denis and Sherbrooke Streets. The proprietor's name is not yet put on the store.

The Alexandra Hospital for contagious disease is in process of building, and is intended for the English-speaking people. It is situated at Point St. Charles.

DEATH OF MR. R. W. ELLIOT

By the death of Mr. R. W. Elliot, who passed away on November 12th, at 109 Penbroke Street, Toronto, pharmaceutical interests in Toronto and Ontario lose an honored member, and the country in general a public-spirited citizen.

The late Mr. Elliot was born in Eramosa, Ontario, in 1835, and had just passed his 70th birthday. His father engaged in the drug business in Dundas, where Mr. Elliot served his apprenticeship. He later joined forces with the Lyman, Elliot Co., at the St. Lawrence Market, Toronto, the partnership continuing until 1870, when in conjunction with his father he purchased the wholesale business of Dunsbaugh & Watson, 3 Front Street E., and founded the present firm of D. Elliot & Co., Limited, practically on the site of the present headquarters. Later on Mr. Elliot established the present mills on Beverley Street, in connection with the business.



Mr. Elliot was one of the moving spirits in connection with the establishment of the Ontario College of Pharmacy, of which his father was the first President. He himself was a member of the Council from its inception, and in 1885-7 was Vice-President and in 1887-8 President. In public life he was always to the fore in the promotion of everything that he saw would be in the public interests. In 1879 he occupied the position of President of the Board of Trade, and came out strongly as an advocate of a protective tariff and of the appointment of a Railway Commission, which he lived to see. He was one of the pioneers in railway promotion in Ontario, and at the early age of 34 visited Norway to inspect and report upon the systems of that country, the information gained by him being employed in the construction of the Toronto and Nipissing, and the Credit Valley railways. At one time he was President of the

Toronto, Grey and Bruce and of the Toronto and Nipissing Railways. He was also a director of the Irondale, Bancroft and Ottawa and other railways, and President of the Owen Sound Steamship Co., all of which enterprises cost the pioneers much money from which the public derived benefit.

In insurance the deceased took a prominent part. For the last two terms and up to the time of his death, he had been President of the Fire Insurance Exchange. He was also a Past President and ever an active member of St. George's Society, and a director of the Toronto Industrial Exhibition from its inception, a past President of the Canadian Manufacturers' Association, and a member of the Toronto Harbor Commission.

Mr. Elliot was a specially well-informed man on a wide range of subjects, and retained his interest in business matters till the last. He kept closely in touch with the European markets, to which he frequently made trips. He had been ailing for about three years, and had been confined to his house since last Christmas, owing to dropsy. Previously he had enjoyed good health. He leaves a widow, one son, Wm. S., manager of the business, and two daughters, one unmarried, the other the wife of Col. Biggar, of Ottawa.

THE DRUG MERGER

Editor of the Canadian Druggist:

Toronto, Ont.

Dear Sir,—As there seems to be some uncertainty as to our position in relation to the wholesale drug merger, we would say that we were invited to take part in forming it, but after due consideration of all the arguments advanced, declined the invitation.

Mr. Henry H. Lyman, as representing both houses, was then asked if we would consider a cash offer and naturally replied that while we were not anxious to sell, we might do so if offered a good enough price. After careful consideration a price was named at which we would sell out the two businesses, provided certain difficulties which stood in the way of a transfer could be overcome. At the final conference on the 8th November, one of the difficulties was considered insuperable, and the matter was dropped without any discussion of the figure asked.

We therefore propose to paddle our own canoes and trust that the support which has been so liberally accorded to us in the past may be continued, at least, unimpaired in the future.

Lyman, Sons & Co.,

Montreal.

The Lyman Bros. & Co., Limited,

Toronto.



St. Louis Exhibition 1904—Grand Prix and Gold Medal.

Headquarters for Medicinal, Analytical and Technical Chemicals.

COCAINE MERCK

First
and
Largest
Maker
in the
World!

Morphia, Codeia, Atropine, Eserine, Pilocarpine, Veratrine, Quinine, Salicylic Acid, Santonine, Salol, Chloralhydrate, Creosote, Chloroform, Ether, Alcohol, Tinctures, Paraldehyd, Bismuth Salts, Lithia Salts, Tannic Acid, Gallic Acid, Chrysarobin, Cumarin, Hydroquinone, Glycerophosphates, Cacodylates, Veronal, etc.

To be obtained through the Regular Trade Channels.

C. F. BOEHRINGER & SOEHNE MANNHEIM, WALDHOF

MANUFACTURERS OF

B. & S. BRAND

COCAINE

B. & S. BRAND

Sulphate of Quinine and all other Cinchona Preparations; Ferratine, Lactophenine, Theophylline Atropine; also of Acetanilid, Caffeine, Chloral-Hydrate, Codeine and its Salts, Cumarin Gallic Acid, Glycerine, Phenacetin, Pyrogallie Acid, Resorcin, Strychnine, Terpin Hydrate, Etc.

OUR REPRESENTATIVES FOR THE DOMINION OF CANADA

Messrs. B. & S. H. THOMPSON & CO., Limited, Montreal

WHOLESALE TRADE ONLY

Stafford Allen & Sons Limited,

FOR

ESSENTIAL OILS

ALMOND
CARDAMOM
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CUBEB
CORIANDER
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ORRIS ROOT
PEPPERMINT
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Insist on "ALLEN'S" in original bottles

EXPRESSED OILS

ALMOND (tinc.) APRICOT KERNEL CROTON

EXTRACTS, JUICES, RESINS, ROOTS, ETC.

Gold Medal, St. Louis, 1904

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Cowper Street, London, E. C., England

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WALL PAPERS

Every man is in business to make money, and it is easier to make money when you have goods that will thoroughly please your customers. We make Wall Papers that will bring you profits and give you and your customers absolute satisfaction. An examination of our samples will convince.

See our Salesmen or write us for Sample Books.

STAUNTONS Limited

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ELASTIC STOCKINGS

Silk and Cotton

HIGH STOCKINGS	KNEE CAPS
KNEE "	ANKLETS
GARTER "	WRISTLETS

GUARANTEED BEST ENGLISH MANUFACTURE.

They sell themselves

Send us your mail orders. WE carry YOUR stock which is being constantly renewed.

The J. STEVENS & SON CO., Limited
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BEESWAX

Advertised in THE CANADIAN DRUGGIST, describing the manner and style in which we put up, or pack, the W.H.B. brand of Beeswax, and have purchased the goods so many times that you have now become familiar with them and a description is no longer necessary.

As many of you have used and handled our Refined or Yellow Beeswax, since 1870, give us your order for some of the W.H.B. White Wax, in discs, or moons, or tablets, or large blocks. It is *strictly pure*, and *we guarantee the quality*. It is sun and air bleached only.

Write us for prices and terms. They are reasonable and liberal. Correspondence is invited.

W. H. Bowdlear & Co.
Boston, Mass.

MATTINSON'S Throat Pastilles

FOR COUGHS, COLDS, AND ALL
AFFECTIONS OF THE THROAT

Specially Recommended for

PUBLIC SPEAKERS AND VOCALISTS

FORMULA:

Linseed, Licorice, Eucalyptus, Menthol
and Capsicum

The kind that Sells

Gives Satisfaction Every Time
"Once Tried You Will Use No Other"

25c per Box

Sole Agents for Canada:

The London Drug Co.
LONDON, ONTARIO

MANITOBA NOTES

Joseph Robinson, now with Dr. Gervais, druggist, Main Street, Winnipeg, contemplates opening a business for himself on Logan Avenue, in the vicinity of the Canadian Pacific Railway shops. Mr. Robinson is a graduate of the Manitoba College of Pharmacy, and has spent two years in Dawson City since graduating. His many friends in Winnipeg will be glad to know that he has decided to locate permanently in Winnipeg.

W. L. Melville, who was for some time with Mr. F. J. Braund, of Wawanesa, has opened a drug store in Star City, a new town on the Canadian Northern Railway, near Melfort.

Mr. P. A. Kennedy, formerly of Ottawa, is opening a drug store in Brandon. Mr. Kennedy has secured a very good location on Rosser Avenue, and is putting in a very handsome set of store fittings. He expects to have one of the finest stores in the province west of Winnipeg.

Mr. C. A. Baird, for some time clerking with Mr. C. H. Cranston, Notre Dame Avenue, Winnipeg, has opened a drug store on the corner of William Avenue and Isabel Street.

Dr. D. Graham, who has for the past two years conducted a drug store in Elm Creek, Manitoba, has sold his business to the Elm Creek Drug Store. The doctor has gone to Winnipeg where he will reside for some time.

The Speer-Stephenson Drug Company have purchased the business for some years carried on by Mr. Irwin A. Snider, Portage Avenue, Winnipeg.

Mr. R. J. Pelton, Winnipeg, has purchased the branch store of Irwin A. Snider, on the corner of Broadway and Sherbrooke Street.

Mr. S. S. Smith, one of Souris' popular druggists, was in Winnipeg last week.

W. M. Lamont, Oakville, has purchased the business formerly carried on by W. A. Vrooman as a branch of his Portage la Prairie business.

Dr. D. P. Davies has opened a drug store at Mather, Man.

Captain J. R. Wynne, Vice-President of the Martin, Bole & Wynne Company, is again a candidate for aldermanic honors for the city of Winnipeg. Captain Wynne has represented Ward 2 for the past two years, and it is likely he will be returned again without opposition.

MEETING OF JOINT COMMITTEE

The Joint Committee representing the members of the Canadian Wholesale Druggists Association and the Drug Section of the Retail Merchants Association of Canada held a meeting on Monday afternoon, November 13th, in the King

Edward Hotel. Mr. C. W. Tirling was re-elected Chairman and E. M. Trowern, Secretary.

A resolution of condolence was moved and seconded and requested to be forwarded to Mr. W. S. Elliot, out of respect to the death of his father.

A general discussion took place regarding the future work of the Committee and they unanimously decided that the Contract Plan should receive their united support, it being the only plan at present whereby fair prices could be obtained and the retail trade improved. This conclusion was the unanimous decision of the meeting.

No further business coming before the meeting it then closed.

AMALGAMATION OF RETAIL BUSINESSES

Mr. J. J. Allen and Mr. Wm. Cochrane, each proprietors of retail drug stores in Ottawa, Ont., have joined forces and have also purchased the business of R. J. Shillington. Their stores will be known as the Red Cross Drug Stores.

Mr. Cochrane is in charge of Sparks St. store (formerly Shillington's). Mr. Kendall, so long in this store, is his assistant. Mr. Allen remains in his old store, corner Bank St. and Laurier Ave. Mr. Spotswood returns to him as chief assistant, while Mr. Hosteman goes from the Bank St. store to the management of the Nicholas St. store, where he is assisted by Mr. Ferguson.

Another amalgamation is that of the Speers, Stevenson Drug Co., of Winnipeg, Man., with capital of \$100,000. The stores already controlled by this company are those of W. H. Speer, Shoal Lake, and branch store at Birtle; Dr. Stewart, of Newdale; Dr. Evans, of Rosburn, and Dr. Langan, of Binscarth, making five stores in all.

CULTIVATE A CHEERY MANNER

There are some salesmen whose entrance into the presence of prospective customers is like the advent of spring after a hard winter. They bring a burst of sunshiny weather. The tired and ill-humored customer who has been sitting on the mourner's bench all day, nursing his troubles, loosens his hold on his grouch in the presence of that insistent optimism. It is as if some one had opened a window in a stuffy house; he feels the invigorating effect of ozone.—Success Magazine.

FINED FOR SELLING LIQUOR

Three Toronto druggists were each fined \$20 and costs for having sold liquor without an order from a doctor.

Correspondence

THE LIBEL SUIT

Editor, The Canadian Druggist:

Dear Sir,—We note in your issue of November a statement concerning the editorial in the "Ladies' Home Journal." You stated correctly that Dr. Pierce had entered suit against the publishers of the "Ladies' Home Journal," the Curtis Publishing Co., for \$200,000 damages for certain libelous statements made concerning Dr. Pierce's medicines. Notwithstanding the very meagre statement the Curtis Publishing Co. made of their position in the matter, which we did not consider an apology, we have not withdrawn the suit, but the action will be prosecuted to a finish. We are perfectly open and above board in respect to our remedies, and publish on the wrappers thereof just what Dr. Pierce's Favorite Prescription and Dr. Pierce's Golden Medical Discovery are composed of. There is no alcohol used in the manufacture of either of these remedies, pure glycerine being used as a demulcent and menstruum.

Very truly yours,

V. M. H. Pierce,

Sec'y & Gen. Mgr.

World's Dispensary Medical Association.
Buffalo, N.Y., Nov. 11, 1905.

PHARMACEUTICAL ASSOCIATION OF THE PROVINCE OF QUEBEC

Editor, The Canadian Druggist:

Sir,—In reporting the results of the last Major and Minor examinations in your November issue, page 505, you have one of the examiners' names spelt wrongly. In your report you have the name as Joseph Sontin, whereas it should be Joseph Boutin. As this is somewhat of an important error, I would ask you to make the correction in your next issue and oblige,

Yours truly,

The Secretary-Registrar.

Montreal, November 11th, 1905.

TINLING—TURNER

Mr. Chas. W. Tinling, president of the Dominion Drug Co., Ltd., Hamilton, Ontario, was married Nov. 15th, to Miss Mary Stuart Turner, daughter of Mr. James Turner of the firm of Jas. Turner & Co., of the same city. The ceremony was performed by Rev. Dr. Fletcher.

The Regina druggists held a couple of meetings for the discussion of various subjects of mutual benefit to the drug trade and succeeded in forming a local association, to be known in future as The Regina Drug Association.

PRESENTS FOR YOUR EMPLOYEES

Nothing could be more suitable nor more acceptable as a holiday present from an employer to his drug clerk or apprentice than some standard work on pharmacy or some kindred subject. The following are offered for immediate sale at prices given. In some cases we can only supply a limited number of these books so that early application is desirable. Cash must accompany the order and the postage will be prepaid by us.

Dose Tables of B.P. (sheet form)	\$.10
Whitfield King Co. Stamp Catalogue	.40
Monograph on Fluid Extracts (Harrop)	.50
Practical Dentistry	.50
Minor Ailments	.50
Diseases and Remedies	.50
Practical Methods of Urine Analysis	.75
British and Colonial Addendum to B.P.	.75
Aids to the Analysis of Metals, etc.	.75
Manual of Pharmaceutical Testing (Proctor) ..	1.00
Spectacles & Eyeglasses (Phillips)	1.00
Tables for Doctors & Druggists (Long)	1.00
Analytical Chemistry (Mutter)	1.25
Practical Medicine (Sawyer)	1.25
Volumetric Analysis	1.25
Qualitative Analysis (Coblentz)	1.25
Chemical Analysis for Students (Rockwood) ..	1.50
Qualitative Analysis (Elliot & Ferguson) ...	1.50
Tuberculosis (Hillier)	1.50
Materia Medica for Nurses (Stoney)	1.75
Art of Dispensing (C. & D. series)	1.75
Sonthall's Materia Medica (Barclay)	2.00
Medicinal Plants of the Philippines (Taveira) ..	2.00
Materia Medica (John Humphrey)	2.00
Medical Chemistry	3.00
Materia Medica & Pharmacognosy (Sayre) ..	3.00
Hand Book of Pharmacy (Coblentz)	3.50
Botany & Pharmacognosy (Henry Kraemer) ..	3.50
Organic Materia Medica and Pharmacog- nosy (Sayre)	4.00
Pharmacopodia (White & Humphrey)	4.00
Commercial Organic Analysis, vol. 4 (Allen) ..	4.50
Pharmaceutical Journal Formulary	5.00
King's American Dispensatory (Lloyd & ter) 2 vols	10.00
United States Pharmacopoeia (latest edi- tion)	2.50
Standard Dispensatory	7.25

The Canadian Druggist,
Toronto, Canada.

The Canada Drug and Book Company, Revelstoke, British Columbia, will for the future conduct a strictly cash business. Notices to this effect have been sent to the company's customers in the city and surrounding district.

This is a step in the right direction and curtailment of credit should be the policy of the druggist.

CHRISTMAS BUSINESS

is certain to be good this year. The country is prosperous and the people have money to spend. Have you provided enough of the right kind of goods to insure your getting your share of this money? Your business this year should be bigger and better than ever before. Your goods should be nicer and you should have more of them.

Have you provided for this? If not we can fix you up. We have the nicest lot of Perfumes, Ebony Goods, Toilet Cases, Mirrors, Novelties, etc., that ever gladdened the eye of a discriminating buyer. We have provided for just such customers as you. Let us supply you with the right goods. Prices right too.

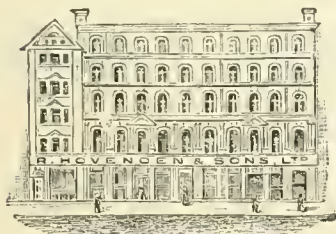
The **DOMINION DRUG CO.**
LIMITED

HAMILTON, ONT.

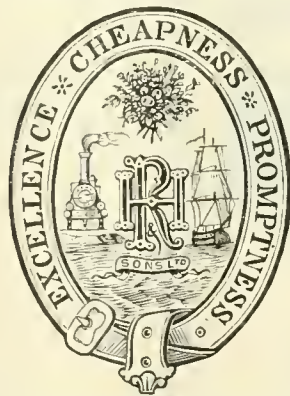
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West-End Establishment



29, 30, 31, 32 & 33 BERNERS STREET,
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LONDON, W.



City Establishment



85, 89, 91, 93 & 95 CITY ROAD,
Near Finsbury Square
LONDON, E. C.

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AND MANUFACTURERS OF

**PERFUMERY, PATENT MEDICINES, DRUGGISTS' SUNDRIES, FANCY SOAPS, ESSENTIAL OILS,
TOOTH, NAIL, AND HAIR BRUSHES, COMBS, CUTLERY,**

Toilet and Smelling Bottles, Spray Producers, Manicure Goods, Spirits of Wine, Walking Sticks, Cricket and Tennis Goods, Tobacconists
Sundries, and all Articles dealt in by Chemists, &c.

OUR OWN BRANDS OF PERFUMERY, &c., EXPORTED UNDER THE CUSTOMS DRAWBACK SYSTEM.

PROPRIETORS OF

The "Cherub" Feeder.
The "Easy" Hair Curler.
Glissadermos.
Bogle's Hyperion Fluid.
Bogle's Mystikos.
Churcher's Dentifrice.
Churcher's Specific.

Churcher's Toilet Cream.
Lloyd's Euxesis (The Genuine)
Cowvan's Razors & Razor Strops.
Hovenden's Shaving Soap.
Sweet Lavender Perfume.
Marris's Almond Tablets, &c.
Midget Patent Safety Shaver.

Thornton's Walnut Hair Wash.
Thiellay's Specialties.
"Certeila" Cigars and Cigarettes.
"Club" Brand Hair, Nail, and
Tooth Brushes.
"Daisy" Brand Pipes.

"Eagle" Brand Combs.
"N.P.U." Shampoo Powder.
"N.P.U." Tobacco.
"Star" Brand Cologne.
"Springwell" Bats.
Voogd's Razors and Paste.

SOLE WHOLESALE OR SPECIAL AGENTS FOR

Agnel's (Paris) Perfumery.
Batchelor's Hair Dye.
Broux Hair Dye.
Bully's Toilet Vinegar.
Dorin's Rouges, Blancs, and all other preparations.
Felix's Eau Des Fees
Imperial Hair Regenerator.
Leichner's Grease Paints, and all other preparations.

Meehi's Razor Strops and Paste.
Nuda Veritas Hair Restorer.
Papier Poudre (Ltd.) Circassian Cream.
Papier Poudre (Ltd.) Facial Massoline, &c.
Perla Toca.
Picard Freres' Poudre D'Amour.
Picard Freres' Valnerose.

Pinaud's Perfumery, and all other preparations.
Pray's (Dr. J. Parker) Manicure Goods.
Robare's Aureoline.
Robert Freres' Perfumery.
Royal Windsor Hair Restorer | Skinheal.
Voogd's Razors, Scissors, and all other articles.
Ziemer's Alexandra Dentifrice.

TERMS: 2½ PER CENT. CASH DISCOUNT.

Write for ILLUSTRATED CATALOGUE—1905—608 pages, which will be sent FREE on receipt of Business Card

LIST OF FREEZABLE ARTICLES

LOOK UP YOUR STOCK

The following goods are liable to freeze during the winter months, and can, therefore, only be shipped by EXPRESS:

Acid Sulphurous	Condy's Fluid	Lyman's Fluid Coffee	Pabst Malt
Aqueous Preparations	Dialyzed Iron	Lyman's Fluid Magnesia	Parker's Hair Balsam
Antiseptic Dressing	Dist Extract Witch Hazel	Lyman's Household Ammonia	Pepper's Sulpholine Lotion
Allen's Anti-Fat	Dinneford's Magnesia	Lachance's Capilline	Pyrozone 3 per cent. Solution
Allen's Hair Restorer	Derma Royal	Lime Juice	Pyrozone 5 per cent. Solution
Ayer's Hair Vigor	Dyer's Malt	Mineral Waters of all kinds	Pyrozone 25 per cent. Solution
Big "G"	Dusart's Syrup	Murray's Fluid Magnesia	Rowland's Kalydor
Bromo Chloralum	Essence of Pepsine	Murine	Ricord's Injection
Bovril	Edward's Harlene	Murdock's Liquid Food	Robare's Aureoline
Benger's Liquor Pepticus	Father Mathieu's Remedy	Malvina Lotion	Solutions of B.P. Syrups
Benger's Liquor Pancreat	Gouraud's Oriental Cream	Orange Flower Water	Syrups of all kinds
Blanchard's Syrup	Horsford's Acid Phosphate	Opodeldoc Liquid	Sanitas Fluid
Bron's Injection	Hagan's Balm	Ozone, small	Sulphume
Batchelor's Hair Dye	Hydrogen Peroxide	Ozone, large	Seven Sutherland Sister's
Concentrated Liquors for Syrups	Kitchell's Liniment	O'Keefe's Malt	Colorator
Concentrated Liquors for	Ko-Ko for the Hair	Philip's Milk of Magnesia	Saunders' Eau Blonde
Infusions	Liquor Opii Sed.	Persian Beautifier	Vineland Grape Juice
Concentrated Waters	Liquid Acid Phosphates	Pluto Water	Wyeth's Malt
Cingalese Hair Restorer	Liquor Pepsine	Pond's Extract	Welch's Grape Juice

Thanking all for the favors shown us during the past year, we wish our patrons and friends

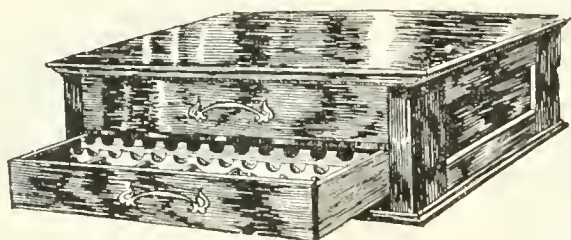
A Merry Christmas and A Happy New Year

The LYMAN BROS. & CO., Limited

Wholesale Druggists

TORONTO, ONTARIO

The Counter Label Cabinet



Is just the handiest thing that a Druggist can add to his Fixtures,

Every Label is held in its proper place in its own compartment and directly under your eye.

Labels may readily be removed singly with one hand, while the bottle is held in the other.

The complete Cabinet costs only \$20.00; or a single drawer, which may be fitted into your counter, only \$9.00. The latter holds 3 doz. labels, and in itself is very complete.

LAWSON & JONES

Label Printers, Lithographers, Box Makers, Envelope Manufacturers, etc.

LONDON, CANADA

OWING TO INCREASE OF BUSINESS

CHANDLER & FISHER

LIMITED

WINNIPEG, MAN.

have found it necessary to move into larger premises at 185 Lombard Street, Winnipeg. They are occupying three floors which will enable them to show their stock to better advantage and facilitate the handling of business.

The Surgical Supply business has been exceptionally heavy in the West during the year of 1905. They wish to thank their customers for their patronage during this year and hope to be favored with a continuation of same during the coming year.

Trade Notes

Jolicoeur Damase, druggist, of Quebec city, is dead.

W. R. Hilbourne, druggist, of Tara, Ontario, is dead.

The Hope Medicine Co., Montreal, Quebec, have been registered.

Dr. Irwin is opening a branch drug store at Pembroke, Ontario.

H. S. Young has opened a new drug store at Haileybury, Ontario.

R. Campbell, Campbourne, Manitoba, has sold his drug business.

J. Moore has purchased the drug business of W. L. Robinson, Carleton Place, Ontario.

Geo. A. Reiker has purchased the drug business of W. C. R. Allen, St. John, New Brunswick.

N. J. Halpin & Co. are opening a branch drug store at corner of Lorne Ave. and 10th St., Brandon, Manitoba.

J. J. Allen, druggist, Ottawa, Ontario, is succeeded by the firm of Allen & Cochrane.

The National Drug and Chemical Co. has been incorporated with head office at Montreal.

H. T. Morrow has purchased the drug business of W. H. Cummins, Grimsby, Ontario.

T. J. Durick, St. John, N.B., has opened a branch drug store at Newcastle, New Brunswick.

H. K. Mitchell has purchased the drug business of W. R. Trench, Wolseley, Saskatchewan.

W. J. Brown has purchased the drug business of A. Dulmage, North Battleford, Saskatchewan.

Allen & Cochrane have united the drug business of J. J. Allen and Wm. Cochrane and have also purchased the business of R. T. Shillington, Ottawa, Ontario.

Budd & Ramshaw, of Arnprior, Ontario, have opened a branch drug store at Haileybury, Ontario.

J. A. Thompson has opened a branch drug store, corner of Bloor St. West and Manning Ave., Toronto, Ontario.

The Veterans' Sure Cure Medicine Co. has been incorporated at Chatham, Ontario, capital \$50,000.

J. W. Yeomans, formerly in business in Sutton, has opened a drug store in Newburg, Ontario.

The Vanzant Pharmaceutical Co., will open a new drug store on Yonge Street, Toronto, Ontario.

Mr. R. W. Elliot, senior member of the wholesale drug firm of Elliot & Co., Ltd., Toronto, Ontario, died Nov. 13th. (See p. 546)

The J. P. Lawrason Co., Limited, has been granted letters of incorporation for the manufacture of patent medicines. Capital stock, \$50,000. Head office, Milton, Ontario.

J. Moore has purchased the drug business of Wm. S. Robertson, Carleton Place, Ontario.

T. J. Cochrane, druggist, St. John, New Brunswick, has made an assignment.

The Stinson Medicine Co. has been registered as doing business in Richmond, Quebec.

A. G. Hughes has purchased the drug business of T. J. Cochrane, St. John, New Brunswick.

W. S. R. Hohnes has purchased the drug business of J. H. Coomb, Clinton, Ontario.

The Speer-Stevenson Drug Co., Ltd., have purchased the drug business of Ruckle & Co., Winnipeg, Manitoba.

F. A. Wilson has opened a drug store at Darlingford, Manitoba, with John Burnett as manager.

The Speer-Stevenson Drug Co., Ltd., have opened a drug store at Minnedosa, Manitoba.

The Mather Drug Store has been opened at Mather, Manitoba.

H. E. Mullett has purchased the drug business of Flexon & Co., Winnipeg, Manitoba.

R. J. Pelton has purchased the branch drug business of I. A. Snider, at 681 Broadway, Winnipeg, Manitoba.

Mr. Gordon is opening a drug store at Fort Rouge, Winnipeg, Manitoba.

W. Collins is opening a new drug store at Saskatoon, Saskatchewan.

S. W. Fisher, class 1900, O.C.P., has opened a drug store at Vegreville, Alberta.

Mr. Eddington, of Vancouver, B.C., is opening a new store in Calgary, Alberta.

H. E. Wallis has removed his drug business from Kelowna to Arrowhead, British Columbia.

The Cook Drug Co., Limited, capital \$5,000, has been incorporated in the Province of British Columbia, and will open a drug store on Hastings Street, Vancouver.

Fire caused about \$400 worth of damage to the drug stock of A. McColl, West Lorne, Ontario, on Nov. 15th. No insurance.

W. H. C. Summerfeldt will erect a new drug store at the corner of Bloor Street and Hamburg Avenue, Toronto, Ontario.

The J. S. Lyons Co. have sold the St. Lawrence Street branch of their drug business, Montreal, Quebec.

The Kenneth Campbell Co. have purchased the drug business of Dr. C. F. Bayard, Montreal, Quebec.

H. K. Mitchell, late of Watford, Ontario, has purchased the drug business of W. B. Trench, Sintaluta, Saskatchewan.

The Saskatoon Manufacturing Company, Limited, formed for the purpose of manufacturing and selling mineral and aerated waters, lime juice, extracts, aperients and other druggists' supplies, received certificate of incorporation recently. The

incorporators are Wm. Henry Coy, James Flanagan, Alexander E. St. Laurent, J. H. C. Wiloughby and P.H. Curry. Head office, Saskatoon, Saskatchewan.

W. S. Robertson has purchased the drug business of J. F. Kellock, Perth, Ontario. Mr. Kellock will join the staff of the Henry K. Wampole Co.

J. J. McLaughlin, Limited, has been incorporated with a capital of \$250,000 to carry on business as manufacturing chemists, and dealers in soda water supplies, etc. Head office, Toronto, Ontario.

TORONTO DRUG SECTION

The Toronto Drug Section of the Retail Merchants Association held its regular monthly meeting Nov. 2nd, Chairman Carnahan presiding.

The minutes of the last meeting were read and adopted.

The first business introduced was the report of the Contract Plan Committee, presented by Chairman Hargreaves as follows:

REPORT

Since our last meeting information was received stating that about twenty druggists in Toronto had not signed the contracts for Scott's Emulsion of Cod Liver Oil. We are pleased to be able to say that many of the signatures have been since received, and to-day very few remain in Toronto who have not signed.

We are also informed that Messrs. Scott & Bowne have some beautiful window transparencies and other advertising matter that they cheerfully supply to all dealers upon request, so we earnestly advise every druggist to secure a supply and assist your Committee in the Contract Plan work by an honest distribution of their advertising.

We desire to call special attention to the clause in the contract wherein the retailer agrees to stamp Scott's Emulsion with his name and address. It is a special feature of Scott & Bowne's contract and in our opinion it is essentially a good feature, and should also be good advertising for the retailer. We therefore desire to say, stamp Scott's Emulsion with your name and address. Let us go further and advise that all goods on the Contract Plan receive the stamp of recognition of the trade in the same way as is desired by Scott & Bowne.

Your Committee would especially remind you that this is the season of the year to sell cod liver oil and that an energetic push right now, on behalf of the cod liver oil preparations that are on the Contract Plan is a duty every retailer

owes to those proprietors and to himself. Scott's Emulsion, Slocum's Emulsion, Ferrol and Wampole's Cod Liver Oil are our friends. We bespeak for them all the loyalty and hospitality with which pharmacists recognize their friends.

Your Committee further beg to recommend that all proprietary medicines, the price of which is not regulated or controlled, should be made to recognize a particularly frigid temperature in their reception from every retailer. Our advice is stock, talk, show and recommend Contract Plan goods, but guard all other goods from the public with the utmost zeal. Pharmacists should devote few words, little consideration and less ceremony to all canvassers introducing new lines on the old plan.

Your Committee would also recommend that all proprietors adopting the Contract Plan be allowed the most unrestricted means of supplying the trade with their goods, and with the object in view of inducing many new manufacturers to market their goods on this plan. We would respectfully submit for the consideration of the Provincial Contract Plan Committee our opinion that proprietors adopting the Contract Plan should have the freest possible access to every channel through which cut-throat goods are passed.

All of which is respectfully submitted.

The report on motion of Messrs. Hargreaves and Walton, was adopted.

Papers which were read at the American Pharmaceutical Association, held at Atlantic City, were given by Messrs. Andrews and Hutton, and also an additional paper by Mr. Hutton on his "Impressions of the Drug Trade in London, Ont."

On motion of Mr. Andrews, seconded by Mr. Lander, the following resolution was adopted:

"That the Provincial Contract Plan Committee be requested to arrange such a method of carrying on the work in order that the General Secretary of the R.M.A. may be able to give such information to all proprietors desiring to adopt the plan, which, with the consent and approval of the Chairman of the Provincial Contract Plan Committee will enable such proprietors to work out the plan with the least possible delay."

The matter of a banquet, similar to that which was held last year was discussed, and it was decided to hold a banquet on Dec. 5th, during the week of the meeting of the Council of the Ontario College of Pharmacy. The following Committee have the matter in hand: Messrs. Carnahan, Petrie, Munroe, Cowan, Becker, Ellis, Andrews, Struthers, McIntyre, Marshall and Walton.

A motion was carried instructing Mr. Trowern, General Secretary, to write Messrs. Johnson & Johnson, plaster manufacturers, to ascer-

Special Prices

By comparing our quality and prices with those of other houses, you will quickly realize the splendid advantages which our exclusive agencies for the best manufactures enable us to offer.

The following are specialities of ours :

Oil Almonds	Gum Camphor
" Anise	" Opium
" Cloves	Castor Oil
" Eucalyptus	Pot. Iodide
" Lemon	Menthol
" Lavender	Olive Oils
" Peppermint	Castile Soap
" Sandalwood	

Secure Our Prices—They Are Interesting.

N. C. POLSON & CO., Kingston, Ont.

THE "IMPERIAL" STRINGS

FOR ALL
STRINGED
INSTRUMENTS

Guaranteed to be absolutely
THE BEST MADE



THE STRINGS

THAT BRING TRADE
AND THE KIND
THAT KEEP IT.

WE SUPPLY

Everything needed by
you in SHEET MUSIC,
MUSIC BOOKS, MUSICAL
INSTRUMENTS and general
MUSICAL MER-
CHANDISE.

WE SUBMIT A PLAN FOR

Saving Money Saving Time Saving Trouble

By sending your daily needs for anything in our line, a great advantage is gained from the fact that we have at your disposal one of the LARGEST and most complete STOCKS EVER ASSEMBLED UNDER ONE ROOF.

One Order One Shipment One Account

WHALEY, ROYCE AND CO. LIMITED

Western Branch,
856 MAIN STREET,
WINNIPEG.

158 YONGE STREET,
TORONTO.

Words to the Wise

Elliot's Syrup White Pine and Tar is strictly N. F. form.

Elliot's Chloride of Lime is absolutely full strength.

Elliot's Liquorice is fine true Italian Extract, at low prices.

Elliot's Ground Flaxseed contains 100% of original components in their original proportions.

Elliot's Distilled Hamamelis contains full 15% pure S.V.R. with 85% of the best raw extract we know.

Elliot's Powdered Spices are prepared from pure whole spices without addition.

Elliot's Xmas Perfumes make a good show and give satisfaction.

Canadian Cattle Spice is a select conditioning medicine. \$4.00 per 100 lb. bag; 75 dozen.

**HOT DRINK SPECIALTIES
E & CO. CONFECTIONERY
ROCK CANDY,—Amber, White and Pink
GIBSON'S CONFECTIONERY
ROWNTREE'S JUJUBES**

"Reliance" Chloride Lime, in zinc, with sifting top.

Amor's Essence C. L. Oil. Pluto Water.

Cocaine. Citrophen.

Williams' "Quick and Easy" Shaving Soap, 8 to pound.

Pertussin. Odol.

Dr. Foot's H. A. Tablets. Laxo Tablets.

Fren-al. Liquozone Soap.

Dr. Ivan's Liquid Court Plaster. "Tiger" Trional.

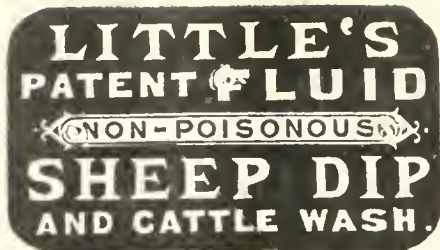
Sulphur Sub., fine. Dr. Park's Liquid Court Plaster

National Dispensatory, 1905. Solazzi Juice.

Kondon's Catarrh Jelly.

W. R. Warner & Co.'s New Specialties.

**The ELLIOT & CO., Limited
TORONTO**



**FOR THE DESTRUCTION OF TICKS, LICE,
MANGE, AND ALL INSECTS UPON SHEEP,
HORSES, CATTLE, PIGS, DOGS, Etc.**

Superior to Carbolle Acid for Ulcers, Wounds, Sores, etc.

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy and healthy.

Removes the unpleasant smell from Dogs and other animals

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal Breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

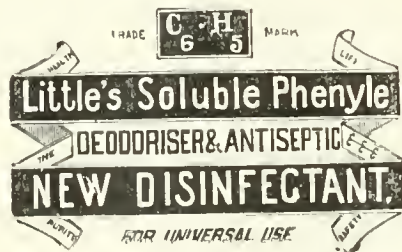
17 Gold, Silver, and other Prize Medals have been awarded to "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large Tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton and London, Ont., and Winnipeg, Manitoba.

Royal Court Hair Dye.

ONE SOLUTION.

The Original.

The Best.

Gold Medal Awarded, London, Eng., 1900.

Made in DARK BROWN, BLACK, BROWN,
CHESTNUT and BLONDE.

Mr. Foster, Pharmaceutical Chemist, Scarboro,
writes:

Some short time ago I obtained from you a sample bottle of your Hair Dye. The lady has tried it and is very much pleased with it, finds it the best she has ever used. I shall therefore be glad if you will send me three dozen bottles assorted (most in demand) if not already represented in Scarboro.

Retail, 2/, 3/6 and 10/6.

Wholesale, 12/, 21/ and 60/ per dozen.

Marion, James & Ker, Ltd.

Wholesale Chemists,

Glebe Rd. Works, DALSTON LONDON, ENG.

AGENTS WANTED.

EVERY DRUGGIST

can recommend with confidence any of our preparations to his customers. Keep them well stocked as they are trade winners. Look up your stock to be ready for the demand.

**GRIFFITHS' MENTHOL LINIMENT, SMALL
GRIFFITHS' MENTHOL LINIMENT, LARGE**

(Veterinary Size)

JAPANESE CATARRH CURE

CLARKE'S KOLA COMPOUND (for Asthma)

DR. COWAN'S HEADACHE CURE (Wafers)

DR. COWAN'S PILLS (Kidney and Liver)

MENTHOL WORM REMOVER (Tablets)

Order From Your Wholesaler

Write us for Advertising matter

**The Griffiths & Macpherson
Co., Limited**

TORONTO

ONTARIO

tain whether a similar arrangement could not be made to that which was said to exist between the National Association of Retail Druggists and the firm mentioned, whereby the Association received a commission on the sale of all Red Cross Plasters, through its members.

The meeting then adjourned.

CRITICISM OF THE COMPENDIUM OF CANADIAN FORMULARY

The following letter has been sent out by the Chairman of the Pharmaceutical Research Committee to members of the Council:

Toronto, Ont., Nov. 20, 1905.

Editor Canadian Druggist:

Toronto, Ont.

Dear Sir,—Enclosed herewith is a copy of the criticisms received from the Quebec Pharmaceutical Association, on the Compendium of Canadian Formulary. At the end of some of the criticisms, the opinion of some of the Toronto pharmacists is given in brief. I did not wish to devote time or space enlarging on the reasons why we differed, preferring to submit the questions to each member of all committees for his consideration.

An answer to the following will be acceptable:

Should we include formulas for pills that are universally prescribed? If yes, select and submit the formulas.

Should we include some of the mixtures, compound liniments, lotions, eye drops, etc., recognized in Canadian and British hospitals? Have you any to offer?

Can you suggest the most effectual means to be undertaken in distributing the books, and to secure the endorsement and co-operation of the medical profession?

Can you submit any formulas as requested in the report of the Pharmaceutical Research Committee, and published in minutes of the Council meeting in August last?

Will you please give this matter your earnest consideration, and submit your opinions to me at as early a date as convenient.

Yours respectfully,

John Hargreaves,

Chairman Pharm. Research Committee.

The criticisms mentioned above are as follows: (The words Yes and No as they appear in brackets at the end of each criticism are the reply of the Ontario Committee to the recommendation of the Quebec Pharmaceutical Association, respectively agreeing with or dissenting from the suggestions of the latter).

Formula No. 13. Substitute citric acid instead of phosphoric acid. (No).

Formula No. 14. The addition of a small percentage of acid citric improves the taste and makes it more palatable. (Yes).

Formula No. 20. Use a soluble pepsin instead of the glycerole of pepsin; would cheapen the cost, be quite as easy in manipulation and give just as active a preparation.

Formula No. 21. Macerate and percolate the licorice root with weak ammonia solution, when exhausted evaporate to drive off ammonia, this percolate can then be mixed with the cascara percolate.

Re note, don't think it well to give substitutes for the aromatic oils given in formula as the object of the Formulary would be frustrated; namely, uniformity.

Formula No. 29. Instead of talcum use purified kaolin, it makes a far better mass. Is not U.S. P. Cataplasma Kaolin better than either?

Formula No. 33. What dose?

Formula No. 40. Would the use of Aq. Calcis instead of Aq. be an improvement? (Yes).

Formula No. 46. Add 2 minims Ol. Cinnam to the powders instead of using Aq. Cinn. (No).

Formula No. 57 S.V.R. too strong, a proof spirit would make a better tincture that will not make cloudy mixtures. (No. As intention is to secure large quantity of Ess. Oil).

Formula No. 60. The majority of committee favor decoloring with soda hyposulp. (No).

Formula No. 67. We would suggest as an improvement the old Edinburgh formula:

Sulphur Viv	8 oz.
Potas. Nitrat	1 drm.
Pulv. Veratri alb	1 oz.
Sapo. Mollis	8 oz.
Ol. Bergamot	$\frac{1}{2}$ drm.
Adeps. recens	24 oz.

Mix the lard and soap and incorporate the sulphur and hellebore with the mixture, then add the nitre dissolved in a little water, and lastly, the bergamotte. The addition of 2 drms. of Ac. Carbolic makes it keep better. (Include both).

Formulae of preparations suggested by this Committee:

ELIX. GLYCEROPHOSPH. CO.

Glycero Phosph. Calcium	160 grs.
" " Sodium	320 grs.
" " Iron	60 grs.
" " Manganese	40 grs.
" " Quinine	20 grs.
" " Strychnine	$2\frac{1}{2}$ grs.
Ac. Citric	180 grs.
Tinct. Aurant Recent	$1\frac{1}{4}$ oz.
Glycerin	$7\frac{1}{2}$ oz.
Sherry detannated	10 oz.
Aqua Destil ad.	40 oz.

Dissolve the salts of calcium, sodium, iron and manganese in 10 oz. of water in which 90 grs. of acid have been dissolved. Dissolve quinine and

strychnine in 5 oz. water Ac. Citric 90 grs. Mix solutions and add balance of formula.

Elix. Calisaya. We suggest formula found in Remington's Practice of Pharmacy on page 1,230.

Elixir Calisaya and Iron Formula in above work on page 1,231.

FLD. EXT. PRUNI VIRG.

Wild cherry bark in No. 40 powder 20 oz.
Glycerin 2 oz.
Alcohol, 90 per cent. q. s.
Water q. s.

Mix bark with 8 oz. water and pack in a tightly closed vessel; macerate 24 hours. Pack in percolator and add 8 oz. alcohol, when liquid begins to drop close lower orifice and set aside for 24 hours; then allow percolation to proceed, receiving percolate in a bottle in which the glycerin has been placed. Percolate till drug is exhausted, reserving the first 18 oz. Remove the alcohol from the remainder by distillation and evaporate the residue to a soft extract and dissolve it in the reserved portion, adding menstruum of equal parts alcohol to make 20 fld. oz. (Is the U. S. P. not better?)

FLD. EXTRACT OF SENEGA

Senega root in 40 powder 20 oz.
Solution of soda 2 oz.
Alcohol, 75 per cent. q. s.

Moisten drug with sol soda and 6 oz. S.V.R., and proceed to percolate, reserving the first 17 oz.; continue percolation till exhausted, evaporating last percolate to a soft extract; dissolve this in reserved percolate and make to 20 oz. with alcohol. (Is the new U.S.P. not better?)

FLD EXTRACT BUCHU:

Buchu leaves, 20 powder 20 oz.
Glycerin 2 oz.
Alcohol, 95 per cent. q.s. to make, 20 oz.
Observe same process as given for senega.

LIQ. SAPONIS ANTISEPT.

Ac. Oleic 7 fl. oz.
Alcohol, 95 per cent. 3 fl. oz.

Mix and neutralize with solution of potash caustic in water 1 in 1 (nearly 1½ oz.), using phenol-thalein as indicator. Allow to cool, add ol. lavend. 20 minims and methylated ether sp. gr. 0.77 to 20 fluid oz.

Tinct. Jalapae Co. is official in Indian and Colonial Addendum.

GOUTTES AMERES DE BAUME OR TINCT. IGNATIAE ALKALINAE

Ignatia Amara 8oz.
Potas. Carb. 35 grs.
Alcohol, 60 per cent. 16 oz.
Digest for 10 days and filter.

Tinct. Opii Deod. U.S.P. process is as good as any.

Hydrarg. Iodid Flav. U.S.P. process.

Liq. Bromidi Co. Your formula is acceptable.

LIQ. CREOSOL

Cresylic Acid 625 c.c.
Resin 125 grms.
Potas. Caustic 18 grms.
Water to make 1,000 c. c.

Dissolve resin in cresylic acid by aid of heat. Make a solution of potas. caustic by dissolving it in 80 c. c. Add the two solutions together and heat until saponification takes place. Set aside to cool and make up to 1,000 c. c. with water.

LIQ. AMMON. VALERIAN (PIERLOT)

Ac. Valerianic 3 c. c.
Ammon. Carb. q. s.
Ext. Valerian Alcoholic 2 c. c.
Distilled water, q. s. 100 c. c.

Add the acid to the water and neutralize with the Ammon. Carb., then add Ext. Valerian and allow stand for 24 hours before filtering.

SIXTY WEEKS FOR \$1.75

The new subscriber to The Youth's Companion for 1906 who at once sends the subscription price, \$1.75, will receive free all the remaining issues of the paper for 1905. These issues will contain nearly fifty complete stories, besides the opening chapters of Grace S. Richmond's serial, "The Churchills' Latch String," a sequel to her story of "The Second Violin," which appeared in the early weeks of this year. Madame Sembrich will contribute an article on "Sovereigns I Have Sung To," and there will be three stories by May Roberts Clark under the title, "Tales of a Pawnee Hero."

These will give a foretaste of the good things in store for 1906, full illustrated announcement of which will be sent to any address free with sample copies of the paper.

New subscribers will also receive a gift of The Companion's "Minutemen" Calendar for 1906, lithographed in twelve colors and gold.

The Youth's Companion,
114 Berkeley Street. Boston, Mass.

PURPOSE IN ADVERTISING

A humorous writer has said that every marksman hits whatever he shoots at, but that the trouble is that so many men shoot at nothing. The makeup of many advertisements suggests that there are ad. writers who have no target in view when they pull the trigger. No advertisement should be written unless there is a purpose in view. There should be a singleness of aim. Birdshot may do some execution in a flock of little blackbirds, but they only serve to irritate when directed against big game, as a lion. Advertisements which fail are those which have no directness in them.—The Spokesman.

The Bole Drug Co.

**Wholesale
Druggists**

WINNIPEG, MAN.

We invite correspondence with parties
contemplating coming to the West to
engage in the Drug Business. Our
travellers cover the ground thoroughly
and we can give you valuable information.

1844 ~ 1905

THOMAS TYRER & CO'Y, Limited
GOLD MEDAL, ST. LOUIS, 1904

BISMUTH
SALTS

"STERLING BRAND",
PURE

MERCURIALS

ACID PHOSPHORIC

(Made from Phosphorus)

All Strengths

SCALE
PREPARATIONS

GUARANTEED FREE ARSENIC

HYPO-
PHOSPHITES

ETHERS

ANALYTICAL, PHARMACEUTICAL, PHOTOGRAPHIC,
TECHNICAL AND SPECIAL CHEMICALS.

STRATFORD. LONDON, ENG.

**Thomas Glover & Son,
Carlton, Nottingham, Eng.**

Our firm is the OLDEST, LARGEST,
CHEAPEST and BEST. Enjoying
reputation of 60 years, for the manu-
facture of

Elastic Hosiery, Trusses and all kinds of Surgical Appliances.

Price list and Catalogue Free.

It will pay you to write for them.

EVANS & SONS

LIMITED

**Wholesale Druggists and
Manufacturing Chemists**

MONTREAL

—AND—

TORONTO



ARTICLES OF HIGHEST QUALITY

Evans' Chloroform

Evans' Cod Liver Oil

(Special)

Evans' Disinfectol

Evans' Elixirs

Evans' Fluid Extracts

Hawley's Counter Adjuncts

Montserrat Arrowroot

Montserrat Sauce

Savars' Toilet Articles

"STANDARD"

(E. W. PARKER, MONTREAL)

HIGH WINES AND ALCOHOL

A SILENT AND COLORLESS SPIRIT
SUITABLE FOR ALL PURPOSES

GILLESPIES & CO.

Selling Agents

MONTREAL

"KINDS THAT SELL"

PLANTEN'S
CELEBRATED
CC BLACK
& **CAPSULES**
OR
WORTH-While Profits to the Retailer
PLANTEN'S
CAPSULES
AND
PERLOIDS
TRADE MARK
OF
SANDAL OIL

H. PLANTEN & SON Established in New York in 1836

"Pioneer American Capsule House"

HAVE REMOVED to NEW LABORATORY

93 HENRY STREET

BROOKLYN, N. Y.

Send me a sample of your handwriting and I can reveal

Your Character and Talents

from it. The truth of my delineations will delight and astonish you.

Write naturally in ink, enclosing 25 cents in stamps, to:—

GEORGE TESTER

39 Wood Street,

TORONTO

ATTENTION!

Advertising Physicians, Druggists, Opticians, Dentists, Veterinarians, Hygienists, Physical Culturists, Pure-Food Promoters, Sanitary Clothing Dealers, All Manner of Medical Lecturers, Patent or Proprietary Medicine Firms and Mail Order Remedy People.

I am a techno-literary purveyor of medical publicity matter—a specialist in medical
ADVERTISEMENT WRITING.

Cards, letterheads, "write-ups," "prints," lectures, circulars, pamphlets, books of any size, designed, written, illustrated. Will also revise, correct, edit; make presentable, artistic, scientific and "fetching" the work of authors or of other advertisement writers who lack technical knowledge or training for any branch of the medical advertising art. Exclusively medical work. My mission is to bring business to

MEDICAL AND MEDICINE MEN.

If you are a medical or medicine advertiser and wish to secure correctly constructed publicity matter that will create a demand for your services or medicaments, I can help you. Any medical print prepared. Will superintend printing and furnish plates if desired. Publicity matter I write will be read,

IN FISHING FOR BUSINESS

Much will depend on the quality and disposal of your lines. If they are not strong enough, or of proper texture and color, let me prepare some for you. So long as you play them with a medicine bait, I can do much to assist you to

SECURE A GOOD CATCH.

Send me samples of your present literature and I will suggest improvements. To cut purse strings "ADS MUST HAVE EDGE." If yours are not sharp enough, have an expert grind them for you.

CORRESPONDENCE INVITED.

C. EDSON COVEY, B. Sc., M. D.,
388 E. CHICAGO AVE. CHICAGO, ILL., U.S.A.

CASTOR OIL AND ITS MANUFACTURE

The Castor Oil Plant is extensively grown in India, North and South America, it also flourishes in most tropical countries. The older Botanists gave this plant the name of *Recinus* (*Communis*) from the great similarity which the bean bears to the "Tick," which loathsome animal has the same name in Latin, the plant is also known as *Palma Christi*. In size it varies from a shrubby plant to a tree 30 to 40 feet in height, according to the climate in which it grows, being arborescent in tropical latitudes. On account of its very large and beautiful palm-like leaves of a bright green to dark red color, it is often cultivated as an ornamental plant. These leaves are as much as two feet in diameter, and are useful as a food for some kinds of silk-worm. The flower is comparatively inconspicuous. The seeds or beans are contained in a pod, and trouble is experienced in harvesting them. The bean varies in size according to the various species of plant. All have a shining black and white, or black and brown mottled marble appearance, and of an oval form, the shell being very hard and brittle, the inside very white and oily. In a natural state these beans contain a poisonous principle.

The Hull Oil Manufacturing Co., Ltd., of which further mention is given below, import most of their seed from India, where there are two crops annually, the seed being sown in May and November. Although the plant will bear fruit for two or three years, yet, usually, the plants are uprooted each harvest and fresh seed sown.

Castor Oil is one of the most extensively useful of purgative medicines known, and the only one which under certain circumstances can with safety be administered. The Medicinal Oil when absolutely pure and cold pressed has a slight yellowish tinge. The specific gravity of Castor Oil is about .964, and as a lubricant it is the most valuable of oils.

Hull, with a population of 250,000, is one of the most important seaports in Great Britain. In addition to many other large and important industries, it is the centre of the great oil-crushing industry in England. During the year 1904 the imports of oilseeds into the port were over 700,000 tons. It is here that The Hull Oil Manufacturing Co., Ltd., have their headquarters. Situated on the banks of the River Hull, they have easy access by water to a splendid system of docks, and thence direct communication to nearly all parts of the world.

The business has been in existence some 20 years. Mr. MacIlwaine, one of the two present Managing Directors, has, during that time, devoted his energies to the extraction of Rape Oil, in connection with which he has invented and patented a number of processes.

At the present moment, the Hull Oil Manufacturing Co., Ltd., are the largest makers of Rape and Castor Oils in the kingdom.

The residuum of these oils has a ready market in the shape of a most valuable feeding meal, containing about 35 per cent. albumenoids, all trace of the poisonous volatile oil being eliminated in the process of the manufacture of Castor Oil. The manurial qualities are well known, as "Homco" Manure Meal, containing from $5\frac{1}{2}$ to $7\frac{1}{2}$ per cent. ammonia.

In 1897, the manufacture of Castor Oil on a small scale was initiated. Subsequent success encouraged the directors to put down large and costly plant to increase the output, and this action, in conjunction with the strictest economies in working, has enabled the Hull Oil Manufacturing Co., Ltd., to compete successfully against Indian and foreign manufacturers. Their standard grades are Medicinal Oil of excellent color and absolute sweetness; First Pressure Oil, which is now the standard for all First Castor Oil in England; Seconds Oil, which is an extracted oil and yellow in color. All are guaranteed absolutely pure.

When importing Castor Oil from the East Indies the leakage is generally very heavy, and the wooden cases supplied in that country unsatisfactory. The Castor Oil put up by the Hull Oil Manufacturing Co., Limited, is packed in 40 gallon barrels, 4-tin (40 lb. tins) cases, and 2-tin cases, which prove more handy for export, being easier to handle and arrive in first-class order. Messrs. B. & S. H. Thompson & Co., Ltd., Montreal, Canada, were one of the very first firms to appreciate the commencement of what, for England, was a new industry, and with characteristic zeal applied themselves to introduce into Canada the new "Homco" brand of Castor Oil. So successful were their efforts, that The Hull Oil Manufacturing Co., Ltd., soon appointed them their Agents for Canada.

It may be of interest to know that cricket, football, and rifle clubs are run in connection with the firm, and adjoining the works is a recreation ground for the employees.

PRACTICAL COLORING AGENTS

To appeal to the eye, as well as to the nose and palate, by the make-up of a pharmaceutical preparation, is an equal benefit to the physician, the pharmacist, and the patient. A nicely-colored preparation, says H. C. Bradford in the *Bulletin of Pharmacy*, is much more attractive than a water-like solution, will be taken more readily by the patient, and is a safeguard against the assumption on the part of ignorant persons that, because it is as clear as water, it is equally harm-

less—a conclusion which has more than once resulted disastrously.

To the end that good and reliable colors may be more generally known and used, I give the following formulas. While some of these are not new, I have put them in to make the list approximately complete. I shall give also some colors suitable for use in making perfumery and toilet articles, and also with beverages, as well as those more truly pharmaceutical in their nature.

RED COLOR FOR ACID MEDIA

Red is the color mostly in demand; but it is not easy to get a color that will serve every time we happen to want red. To do this requires two totally different agents—one for acid media, the other for alkaline products. To make the acid color proceed as follows:

Powdered cudbear.....100 Gm.
Pine sawdust..... 50 Gm.
Alcohol,
Water, of each, enough to make 1000 Cc.

Mix the cudbear thoroughly with the sawdust, moisten with a sufficient quantity of menstruum, and pour loosely in a percolator. Do not pack the magma. Percolate to obtain 1000 Cc. As cudbear is very hard to exhaust of color, it is a good plan to continue percolation to or near the exhaustion point, and preserve the weak percolate at the last as menstruum for the next lot.

This tincture of cudbear is suitable to use in all acid media, but is no good for alkalies. It is the most useful color we have, is cheap and perfectly harmless.

RED AGENT FOR ALKALINE PRODUCTS

For a red to be used in alkaline media, nothing is perhaps equal to carmine, made as follows:

Carmine, No. 40..... 30 Gm.
Glycerin..... 250 Cc.
Ammonia water..... 250 Cc.
Distilled water, enough to make.....1000 Cc.

Mix the water and ammonia water, and in it dissolve the carmine. Heat on a water bath until the odor of ammonia is almost dissipated. Cool, filter, add the glycerin, and finally enough water to make 1000 centimeters.

This color is suitable for alkaline media, and is the thing to dispense when a color for culinary purposes is wanted. It will stand fairly well in a strictly neutral medium, but a trace of acid ruins it.

CARAMEL

Another color very widely employed and very useful is caramel. It makes a beautiful brown-red tint and can be modified by admixture with tincture of cudbear to produce many shades between these two. It is indifferent to the medium in which it is used. Prepare as follows:

Place four pounds of sugar in a deep, clean, iron kettle and apply the naked flame of a good gas stove. Continue heat until no more vapor

arises and a black, viscid mass is left. Care must be exercised that the sugar does not burn. Allow to cool somewhat and add 4 pints of boiling water. Heat until all lumps are dissolved and a perfectly smooth, syrupy liquid is left and then strain through muslin.

This makes an article that can be poured readily and is much more convenient than a solid one. It is the best color for Godfrey's cordial, extract of vanilla, sarsaparilla, and root beer.

A YELLOW COLOR

is sometimes desired for extracts of lemon and orange, and for other uses. When nearly full strength alcohol is used as the menstruum, nothing is better than 30 grains of turmeric to the pint, with 4 or 5 days of maceration. If soluble oils are used and made into extracts with weak alcohol, the turmeric must first be made into a tincture and used that way. Two ounces of good turmeric macerated for a week in a pint of alcohol, and then percolated to a pint, will furnish a satisfactory article.

ANILINE COLORS

These about exhaust the list of good colors, except the anilines. Fustic, saffron and red saunders I do not consider reliable, especially red saunders. This goes into the compound tincture of lavender, but can be wholly precipitated, leaving the tincture perfectly clear. This brings us down to the anilines, and while I do not advocate the use of these, we still have demands for colors that can only be filled by using them. Especially is this true of the bottlers. They want a color, cheap in price and at the same time concentrated in strength, and such a combination can only be had by using anilines. I shall give here only a few formulas for this class of colors, but enough to cover practically all the wants of the bottlers, who will be their chief if not sole users.

Anilines even of the same name vary in quality when purchased of different makers. In buying, state your wants exactly and require the house to furnish dyes that are harmless. Those used in the following formulas were purchased from the Hetler & Merz Co., New York City, and the names and titles here given are exactly as they appear upon the labels of this house. The formulas comprise lemon yellow, orange yellow, strawberry red, and purple. Many other colors can be made by a judicious combination of two or more of these. Thus three parts purple and one part red will make a heliotrope.

STRAWBERRY RED

"Azo rubine"..... 1 oz.
Solution of citric, 50 per cent... 1 oz.
Boiling water, enough to make.....16 oz.

Rub the dye to a fine smooth paste with the acid and then add the boiling water. Stir until dissolved, and strain.

Will Delight One Million Children
 This Christmas
Santa Claus Postcards

THESE are letters from Santa Claus to children handsomely printed in bright crimson, yellow, green, blue, etc. Very artistic in workmanship. These are Letters, Telegrams and Telephone Messages from Santa Claus direct to children and will delight every child. No dealer should fail to have them, they are winners; eight subjects in all. The best Christmas Postal Cards that will be on the market. Price \$15.00 per thousand, discounts to jobbers. Write at once for samples, to

W. G. MACFARLANE
 72 Bay Street, - - Toronto

— THE —
Picture Post Card House
OF CANADA

(Established 15 years.)

WE make special series of Souvenir Cards for every locality from photos supplied by customers, and guarantee the finest finish to be had.

300 different Canadian Post Cards, and a large assortment of Fancy Cards ready for immediate delivery.

Write for Samples and Prices

The Montreal Import Co.
 17 ST. JOHN ST. - MONTREAL

Burnt Leather POST CARDS

SELL LIKE HOT CAKES

Our Burnt Leather Post Cards are the quickest selling and most profitable side line ever offered the drug trade.

TRIAL ORDER

We will send you 100 cards, (67 beautiful designs) with the name of your town stamped on each if desired, for \$3.70 cash. Retail everywhere at 10 cents. You make a clean profit of \$6.30.

RISLEY-BIRD MFG. CO.
 94 5th AVE., NEW YORK

Special Offer OF SOUVENIR POSTAL CARDS

In order to introduce our line of Cards to you we will give an elegant, metal, rotary display stand (holds 1,800 postals) and 1,000 artistically colored, comic postals for \$10.00 (50 designs). Stand alone is worth \$5.00. (See reading notice.) Cards retail 2 for 5c. Price of Cards, without stand, 1,000 for \$6.00; 500 for \$3.50.

The sale of Souvenir Postals on leather, is phenomenal, the demand doubly increases each month. We have, without doubt, the finest line of these Cards on the market. Over 75 designs, plain and colored, name of your city put on free if desired. Price, 1,000 for \$30.00; 500 for \$16.00; 100 for \$3.50.

Tag Postals, the latest novelty out, will sell themselves, one million sold first week. 20 designs. Price, \$2.50 per 100; \$20.00 per 1,000; retail 5c. each.

XMAS AND NEW YEAR POSTALS will be in great demand. Assortments, \$2.00, \$5.00, \$10.00 to retail 2 for 5c. and 5c. each.

GEO. I. GARTNER
 239 5th Avenue CHICAGO, ILL., U.S.A.

NATIONAL LICORICE COMPANY

SOLE MANUFACTURER OF

Y. & S. LICORICE

THE OLD-FASHIONED REMEDY FOR COUGHS AND COLDS.

Also the celebrated

SCUDDER

and M. & R.

Stick Licorice

and M. & R. Wafers



LOZENGES,
Etc., Etc.

and
POWD. EXTRACTS

and
POWD. ROOT

in convenient packages for
the Trade.

Advertising Matter Furnished to Retail Drug Stores for Counter and Window Display

Applicants will Please State Which of the above Brands is Used.

106-116 JOHN STREET - - BROOKLYN, N.Y.

ILLUSTRATED CATALOGUE ON REQUEST



By Appointment Purveyors to His Excellency
The Governor-General.

CHOCOLATES

make an ideal side-line for a druggist
—especially Webb's Chocolates.
They are put up in original sealed
packages, quality and weight guaran-
teed. There is no loss in handling—
no trouble to sell them. Nothing but
satisfaction for everybody.

ALWAYS IN DEMAND

The Harry Webb Co., Limited

TORONTO



COWAN'S PURE COCOA

(Maple Leaf Label)

COWAN'S
Milk Chocolate, Wafers,
Croquettes, Medal-
lions, Etc.

Are guaranteed absolutely
pure goods

The Cowan Co., Limited

TORONTO.

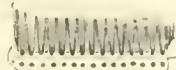
Contractors to His Majesty's Government

R. ADDIS & SON

London Brush Works, London Fields, London, England.

"Everfast" Tooth Brush

PATENT



No. 6,445

WARRANTED LONDON MADE

These brushes are manufactured on an entirely new principle. In addition to the ordinary means of securing the bristle, holes are drilled through the sides and our "Everfast" cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristles in the mouth being completely removed. Only materials of first-class quality used.

To be obtained of all Wholesale Houses and Merchants.

J. H. HAYWOOD

Castle Gate, Nottingham, England.

Patentee, Inventor and Manufacturer of
SURGICAL ELASTIC STOCKINGS,
with and without Seams.

BELTS, SUSPENSORY BANDAGES, TRUSSES
Surgical Appliances, Caoutchouc Articles,
Waterproof and Airproof Goods, Etc., Etc.
Wholesale Dealer in Druggists' Sundries.

**GLASS BOTTLES**

Dispensing Bottles, Phials, Blue, Amber, and Actinic, Green,
Poison and all kinds of Bottles used in the Druggist and Allied
Trades. Special Moulds made.

J. A. CURLE, LTD.

Wholesale and Export Manufacturers

Perseverance Glass Works, Homer Road, South Hackney, LONDON



**Costs \$3.60 ===
Sells for \$6.00**

The new price of Eye-Fix is \$3.60 per dozen, less the usual discounts. We have recently adopted the "Serial Number" Price-Restriction plan. Retail opticians and druggists handling Eye-Fix sign a contract to not cut the price. It is sold everywhere at 50c. This means that on the most meritorious eye remedy in the market, and the one that will have the greatest sale, there is a profit of 66 2/3% for the retailer.

EYE-FIX has the endorsement of leading oculists, opticians and physicians. The demand for it is steadily increasing. It is an article that should have a place in your stock. Handsome and attractive advertising matter given free with orders. Write for full particulars regarding our free proposition.

THE EYE-FIX REMEDY CO.

Department Q.

DETROIT, MICHIGAN

PRIVATE GREETING CARDS

The Most Appropriate and Up-to-Date designs selected from Hills & Co. "For the Empire" series.
116 designs, ranging in price from \$2.00 to \$10.00 per 100.

CHRISTMAS CARDS*Emblematic of Canada*

17 Different Designs. Beautiful Covers, with appropriate verses and views.

"MAPLE LEAF" XMAS POST CARDS

Showing combinations of Holly and Maple Leaves, with season's greetings. Very suitable to send to friends in other countries.

100 ASSORTED CARDS IN A BOX—\$1.50 Per 100 Cards

PICTORIAL POST CARDS

We are the Canadian Agents for Davidson Bros' publications, embracing the work of the most celebrated artists in the COMIC, SCENIC, FIGURE and other Series. All are produced in England.

CALENDARS

Another large consignment just received. TEN designs of FIVE CENT LINE, EIGHT designs of TEN CENT LINE THESE ARE THE QUICK SELLERS.

ENVELOPE ASSORTMENT

Box containing 500 ENVELOPES price \$1.50 per box. The assortment consists of nine different sizes, from small to large, that are the most useful for CHRISTMAS CARDS and many other articles.

THE COPP, CLARK CO., Limited

64 and 66 FRONT STREET WEST, TORONTO

5 Cogent Reasons Why

Every Canadian Pharmacist should sell

Dr. Pierce's Remedies in preference to all others of a similar character.

(1) They have merit, as has been proved by the testimony of thousands who have been helped by their use.

(2) The Formula has been published, and he knows what he is recommending.

(3) Dr. Pierce was the first friend of the Pharmacist to adopt the Contract Plan and protect the price in both Canada and the United States.

(4) These remedies cannot be used by "Cut Throat" and "Slaughter Houses" to injure legitimate Pharmacy and ruin the drug trade.

(5) Because he is guaranteed a full 50 per cent. profit on every bottle sold.

TEMPERATE YELLOW

"Egg yellow D"..... 1 oz.
 Glycerin..... 1 oz.
 Boiling water, enough to make.....16 oz.
 Manipulate as for strawberry red.

ORANGE-YELLOW

"Egg yellow D"..... 1 oz.
 Glycerin..... 1 oz.
 Strawberry red color 1 oz.
 Boiling water, enough to make 16 oz.
 Manipulate as above.

PURPLE

"Purple aniline, 3 B. P." 1 dr.
 Solution of citric acid, 50 per cent... 1 oz.
 Manipulate as above.

Purple is a very powerful color and but little of it is required.

GREEN COLOR FOR AMMONIA

This covers about everything needed in the way of colors except green. For all ordinary purposes when green is desired, nothing is better than tincture of grass, made as directed in my article on hair tonics, contributed to page 277 of the July Bulletin. It will serve for everything except ammonia. For this most refractory substance, make up two solutions as follows:

"A"

Copper sulphate 4 oz.
 Boiling water, enough to make 16 oz.
 Dissolve, cool and filter.

"B"

Potassium bichromate 2 oz.
 Boiling water, enough to make 16 oz.
 Dissolve, cool and filter.

Add solution "A" to the ammonia until it has acquired about the same shade as the solution; then add "B" very cautiously until the right shade is produced. A few trials with a measured quantity of ammonia, adding the solutions from pipettes or burettes, will determine the exact amount of each solution necessary to produce the desired color.

I know of no color that will stand in ammonia so well as this.

SUITABLE CHRISTMAS LINES

The Kelk-Sutcliffe Co., 76 York Street, Toronto, have in stock a number of special lines for the Christmas trade that druggists would do well to handle, being quick sellers at that season and profitable. Among them are some pretty Christmas decorative garlands, selling at from 40c. to \$1.80 per dozen; Christmas tree decorations in a multitude of styles, in tinsel, glass and celluloid in the shape of candles, balls, cones, beads, stars, rosettes, etc. Christmas bells come in 6 different shapes and sizes, and colorings are red, green and yellow. These retail at 10c to 50., at which they will return handsome profits. In dolls this firm has always stood prominently forward, and consequently, they have a well-earned reputation for these goods. The range of dolls, dressed and undressed, is this year more comprehensive than ever.

HOW TO MAKE HOT DRINKS IN SMALL TOWNS

We venture to say there's no more profitable line during the long, cold winter months than hot drinks if handled along right lines, and it is our aim now to point out what we mean by proper lines. But, first, let us look over the field and see what our chances of success are: Say you are located in a city of from 5,000 up, and have a fair cold soda trade. The question is simply one of catering to the palates of your customers—beef tea, cocoa, chocolate, coffee, tea, clam bouillon, tomato bouillon, asparox, etc., are all popular hot drinks, and it's the service that decides the success of your efforts. If we were asked what two points cut the greatest figure in the results we would say quality and cleanliness. Assuming that this will be your standard, your success is certain with hot drinks, but the details are important. Your hot water urn must be clean and bright, and the water boiling hot, and by all means serve a piping hot drink. A lukewarm one will do incalculable injury to the business. To illustrate: Let us take up the making of a cup of hot beef tea. It looks so simple any one can do it, but the difference between a good drink, one that will make you come a block out of your way on a cold night, and a poor one, is the careful attention to the simple things about making it. First, get the best grade of beef extract, or better still use Vigoral; have the water boiling hot. Draw a little water in the cup to heat it and throw it away, then pour in the Vigoral or beef extract, add a dash of salt and pepper and fill the glass with water. Place a spoon in the cup, stir it once or twice and hand it to customer. This looks easy, and it is if just a little care is used. Only take a very little of the beef extract. If you use Armour's Solid Extract of Beef, take but $\frac{1}{4}$ teaspoonful, because it is highly concentrated. All that is needed is enough to give a rich brown color to the water. More than this is likely to make it too strong. If you use Vigoral the chances of making a poor drink are very small, as it is specially prepared for hot drinks. Now your customer has the drink. Place before him a clean plate with a few saltine crackers. Don't run away then, but inquire if the drink is satisfactory, and suggest a little more seasoning or water—something to indicate your desire to serve really good drinks. Now this may look fussy, but it's lots easier than to be sloppy and careless, and a hundred times more profitable, for if the sale of hot drinks is small, if they are served properly they attract trade; in other words you satisfy your customer, and a satisfied customer is your best advertisement. What we say regarding beef tea applies with equal force to all other drinks, except, of course, the mixing of the

drink; but I hear our druggist in the small town of 1,500 saying: "Oh, yes, this is all right for the city druggist, but I couldn't make my trade buy it in a hundred years. I couldn't make interest on a high-priced apparatus, let alone a profit." Not so fast, Mr. Dealer. You are right in a measure, but you don't want a high-priced hot water apparatus. We have two of as handsome hot water urns as anyone would want, which we will give you free; that is, the urn and mugs are free with Armour's Vigoral case offers. The china urn case has \$25.00 worth of Vigoral, Beef Extract, Tomato Bouillon and Chicken Broth; the nickel urn has \$20.00 worth of the same supplies. If you ordered the supplies only they would cost you the price of the case with urn, mugs, etc., but we can only sell one to a customer. There's a gasoline heater that may cost 5c. per day to run. There are mugs, signs, and all you have to furnish to start the business is a salt and pepper shaker and a few spoons. But, you say, where are the customers to come from? My trade is mostly with farmers and workmen. Nowhere is where your opportunity lies. Don't try to serve a lot of sweet hot drinks. Just serve the Vigoral, Chicken Broth, Tomato Bouillon and Asparox. The first real cold day start your hot water urn and place a sign in your window offering a free cup of hot beef tea to out of town visitors. Can you imagine anything more attractive after a ride of a few miles on a cold day? Or say that you serve it free to every grown person on Saturdays. Don't you think it would give you a tremendous lot of free advertising for a little money, and you would be building up a trade that should be very profitable; and then you get the trade in the habit of coming to your store. It's wonderful how strong habit is. There are, no doubt, a great many trading with your competitors that would just as soon trade with you, but you never do anything to give them an excuse for coming to your store.

We would like to tell you more about this proposition if you wish it.

WHEN SAMPLES ARE NEEDED, GIVE PARTICULARS

The requests made of the wall paper manufacturers for samples are very numerous, and in most cases, dealers, when writing for samples, neglect to give any details, acquainting the factory with the class or price of goods wanted. Sometimes a request will come in reading simply thus, "Please send samples of wall paper." As each factory has hundreds of colorings, running all the way from 3c. or under up to 30c. or 40c., or even more, per roll, it will be seen that the factory has to reply in a very hit or miss fashion. Then again, the dealer often loses sight of

the fact, which it is very desirable to know, whether the samples are wanted to enable the enquirer to purchase a general selection for stock, or only a few colorings for some special job. If the samples are required for the latter purpose, the goods in all probability will be wanted for immediate delivery; this should be mentioned, as no wall paper factory has its entire line of goods in stock at any time, and it should always be stated whether the goods are wanted for immediate shipment, or for delivery for spring trade. In the case of special jobs, information should be given, that would define the kind of room to be papered, something of the style of paper desired and what color effects are preferred, also about the price the dealer desires to pay. Where large quantities are needed, such as for churches, lodge rooms, stores, etc., the quantity required, or the size of the room, should be given.

A printed memorandum outlining the information desired has been issued by Stauntons, Limited, the wall paper manufacturers, Toronto, and one will be gladly sent to any dealer on application to this firm.

SOMETHING FOR NOTHING

Our representative when calling on the R. S. Williams & Sons Co. the other day, gained some information that may be of use to our druggist readers.

In reference to their advertisement of month-organs free and at the price of \$1.00 a dozen for a 25c. retail harmonica: This instrument was examined and proves to be the same quality as those organs formerly sold at \$1.90 a dozen.

As Christmas time is drawing near we would recommend this as a splendid opportunity for those of our readers who have a sale for this class of goods, and as the above company are willing to send a sample free it is surely worth your while to send a post card for an article that is worth 25c.

DRUGGISTS' "DON'TS"

Don't let customers go elsewhere to buy goods you should keep, but hate to because custom has brought the profit down too low to make it worth your while.

A customer may ask first for "Baby's Own" and next for perfume or soda.

If you have not what is asked for at first she may not give you a chance on the second.

An English druggist gives the following list of blunders made by his poorer customers: "Catch an eel," for cochineal; "prosperous paste," for phosphorous paste; "grease it," for creosote; "fishy water," for Vichy water; "guitar," for catarrh; "everlasting," for effervescing.

BROMO-SELTZER

SPECIAL OFFERS

TO THE RETAIL DRUG TRADE OF
THE UNITED STATES & CANADA

No. 1

\$9.00 ORDERS

1 doz. 10-cent size Bromo-Seltzer, gratis.
Equal to 8½% discount.

No. 2

\$20.00 ORDERS

Two \$1.00 bottles, or 1²³ dozen 10-cent size, gratis, and 10% discount.
Equal to 10 and 7% discount

No. 3

\$25.00 ORDERS

Two \$1.00 bottles, or 2 dozen 10-cent size, gratis, and 10% discount.

With any one of the above offers we give the following attractive advertising matter, freight prepaid: 300 Memorandum Books with your name and address and the advertisement of any Preparation of your own make you desire, printed on the fourth cover page.

200 Paper Bags, consisting of one-pound, half-pound and quarter-pound sizes, with your name and address—also Tape Measures and Signs.

Order the Bromo-Seltzer from your jobber and mail the request for advertising matter, attaching one of your labels, to

EMERSON DRUG Co.,

BALTIMORE
MD.

Our Scenic Post Cards

PROPERLY TREATED,
LOOK LIKE WATER COLORS.

We are agents for the most beautiful artistic cards published. Let us tell you how to increase your post card business.

Agents for Davidson Bros.,
LONDON

Local views in collotype, hand colored and glassy finish a specialty. Send for prices.

The
Copp, Clark Co.
LIMITED
TORONTO

H. SALLE & CO.

4 Rue Elzévir, PARIS

Exporters and Importers of Crude
Drugs.

Growers of French Herbs.

Specialty of Irish Moss.

Leading Articles: Chamomiles, Red Roses, Galega herb, French Cannabis Indicus, as well as all kinds of drugs and alkaloids (Eserine, Pilocarpine, Cocaine, Sparteine, etc.)

Agents Wanted in Every Important Town.

Offers for American Drugs Solicited

... SAL HEPATICA ...

THE ORIGINAL
EFFERVESCING

**SALINE LAXATIVE, URIC ACID
SOLVENT AND ELIMINANT**

A combination of Tonic, Alterative and Laxative
Salts

similar to the celebrated Bitter Waters of Bohemia, fortified by the addition of Lithium and Sodium Phosphates.

\$2.00, \$4.80, \$10.20 Per Doz., Duty Added.

Orders amounting to \$55.00, discount 10 per cent, and 2 per cent. cash 10 days. Freight paid.

BRISTOL-MYERS CO.

Manufacturing Chemists

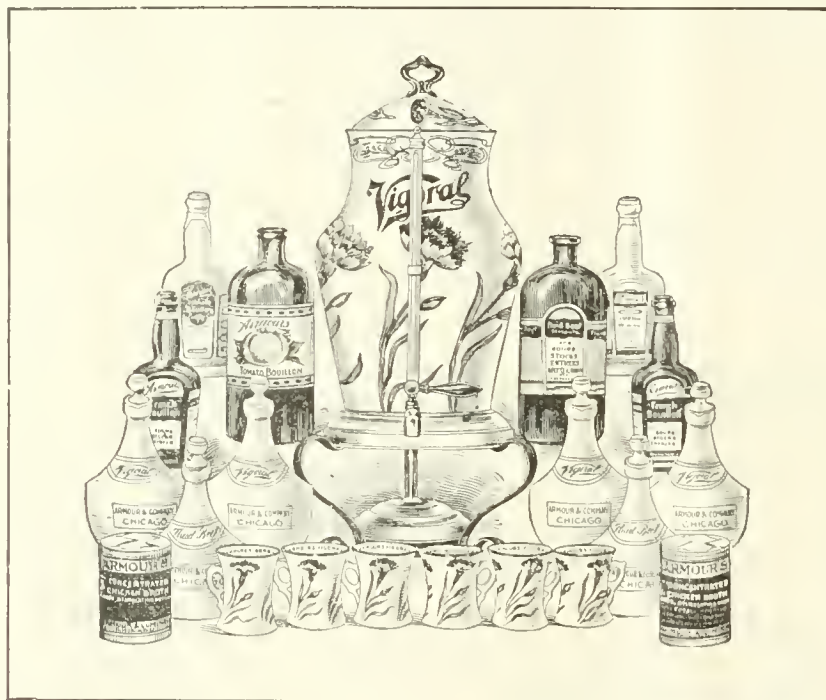
277-279 Greene Ave., Borough of Brooklyn, New York City



A CHINA URN FREE

With each **Carnation China Urn Case**

Price, \$30.00 F. O. B., Toronto



A BEAUTIFUL CHINA URN, richly decorated, with a 2-gallon, tin lined, copper water tank that will not rust, a gasoline heater, a half dozen china mugs, and sufficient Armour's Vigoral, Extract of Beef, Tomato Bouillon and Chicken Broth to make 2,000 drinks. A limited supply only. Order early from your jobber to insure getting one.

Armour's Hot Drink Supplies

Catalogue of All Offers and Packages Sent Free on Request

DON'T WAIT UNTIL COLD WEATHER IS AT HAND TO
ORDER, GET READY TO START THE FIRST COLD DAY

Armour Limited, Toronto

ON ADVERTISING

The proper amount of space to use for an advertisement is sufficient to contain what the advertiser wishes to say in a readable size of type without crowding, and allowing enough room for extra display of the wording that requires prominence. Some advertisements show up best when a considerable margin of white is left round them, others do not require this. So much depends on the style of the advertisement that no general rule can be laid down that will apply to all. Some advertisers prefer to advertise only occasionally, making a special display and using a large space when they do advertise, but we think that better results are obtained by the man who advertises steadily right along, changing the reading of his advertisement in each issue, or as often as required. Readers of the paper knowing that his advertisement always appears in every issue, make a point of looking for it, and so it is always carefully scanned.

CHRISTMAS ADVERTISING

The Christmas season is undoubtedly the season for druggists to push the sales of "side lines," which are under the heading of "fancy goods," etc., and these lines should without question be well advertised.

Christmas advertising is in a class by itself, and should be more of the announcement style than the ordinary advertisement, and care should be taken not to have long drawn out "reason why" ads, but short, catchy advertisements of the stock, displayed in good type and in prominent position.

At any other time of the year the announcement "Brown sells perfume" might with the very few have some effect, but at the holiday season a short paragraph like the following, well displayed, namely, "Brown has an excellent variety of perfumery, all odors, all prices, suitable for Xmas presents" is better. Such an advertisement might be expected to bring good results.

People wonder at this time what they shall give this one or that one for Xmas, and any help given them in the way of suggestions will always be most acceptable. These suggestions should appear in your advertisement. Have your display specify the class of person your articles intended for. For instance, in advertising a "smoking set," have your display read "a present for the smoker," and then follow it with a short description of the article with price and your own name at the foot. Do not make much of the price, at this time, as it is not of as much consequence at the article itself.

Tell the public something about your stock and capability of supplying their wants. Advertise until you feel confident that everyone has had a reasonable chance to know of the "splendid announcement" you have.

Let your windows or at least one window, be given up to a display of fancy goods, and whatever special lines you are bringing out in your advertisements, but let there be sufficient variety of articles to give the public a fair idea of your stock.

Christmas Presents

THE glad Christmas time will soon be here, and of course you will want to give some friend or relative or sweetheart, a beautiful present. We have a large assortment of Holiday Goods, and we know that we can suit you in variety, quality and price. We give below a partial list of our immense stock:

French Brushes
Perfumery
Pictorial Post Cards
Purses
Toilet Articles
Dressing Cases
Albums
Fine Stationery
Books
Musical Goods
Games
Confectionery
Spectacles
Fans
Bric-a-Brac
Manicure Sets

We have numerous other gifts, but our stock is too large to mention everything. Come and look through our stock before making your purchases.

S. CLAUS

Druggist

Merrytown, Ont.

It is also well to say that your prescription department is not neglected on account of the rush of Christmas trade, but still receives your strict attention.

If the dispensing of prescriptions shows slackness during the holiday season, it invariably becomes brisk for the few days following at least, so that the "follow up" in most cases is one which should not be neglected.

Below we give a sample of a Xmas advertisement, the heading of which may be varied according to the stock kept.

SOMETHING NEW IN SOUVENIR POSTALS

The craze for souvenir postals has developed what is believed in some quarters is destined to



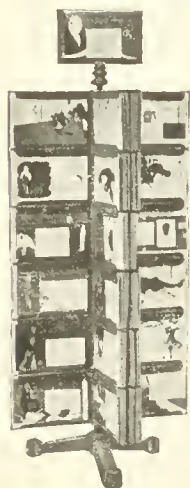
outstrip the sale of any postal card on the market. It is the tag postal as shown herewith.

These cards are made of colored shipping tags with metal novelties attached to them. They have a place for the address on one side, and remarks referring to the novelty on the other side.

There are twenty-four different designs.

It is said that the sale of these cards in Chicago alone amounted to nearly one million in three weeks, and the manufacturer claims that the way the demand for them is pouring in from all over the country, their sale will far

eclipse that of any other postal made.



Those who wish to get them while they are new should write to George I. Gartner, 239 Fifth Ave., Chicago. Price, \$2.50 per hundred; \$20.00 per thousand; retail, 5c.

QUICK SELLING SUNDRIES

The firm of The Copp, Clark Co., Limited, Toronto, are particularly well to the fore this season in druggists' sundries that are beating the record as regards being quick-sellers. In addition to the articles mentioned last month, for which they have already received large orders from many of our readers, there are also several lines that demand attention. One of these is tissue paper, both flat and rolled, for artificial flowers, lamp shades and other purposes, samples of which can be obtained on application. Their pocket diaries are just ready and were sent out last week. They have a very large and attractive line of pearl, ebony and bone fancy penholders, which retail from 5 cents to one dollar, the accompanying cut showing a 25 cent line.



Something else that every one will want is an exceedingly choice line of calendars from Davidson Bros., London, Eng. These sell for 5 and 10 cents, there being ten designs in the 5 cent line and 8 in the 10 cent one. These are extra quick sellers. To show off these calendars and cards in the window the firm has a large line of ticket hooks, and will be pleased to send samples to the trade.

We were shown a very line and attractive special line of pictorial post cards from the National Art Co., of New York, got out in 50 different designs. The series comprise "The National," "Society Girl," "The Seasons," "Sporting Girl," "Athletic Girl," "City Girl," and old miniatures, landscape and marine sketches.

Another line of home-made picture post cards very suitable for Christmas which come at \$1.50 per hundred deserve attention on account of their beautiful tints, which are emblematic of Canada, each one containing one or more maple leaves in combination with holly and having Christmas greetings printed on them. There was also an imported line of 100 in a box, equally suitable for Christmas, being English makes by the best artists. Among the playing cards are the new Grand Trunk Railway ones of which we have heard so much commendation of late.

Private greeting cards in most appropriate and up-to-date designs in "For the Empire" series will also be popular.

Why Doctors Prefer The Stearns' Antitoxin

Take the 3,000 unit package as a basis of comparison. They can buy 3,000 units of Stearns for \$3, while the price of other American Serums is \$5. This difference in price is their "protection against loss."

66⅔% is a rather expensive premium for insurance. Suppose a doctor buys 12 packages of 3,000's in a season, \$60 for insured goods and \$36 for Stearns. Pays \$24 for the "privilege" of exchanging say one package in the season.

How long would you need to argue with a doctor?

Then there's the Simplex Syringe. Once a doctor has used this handy device, he needs no reminder of its superiority.

The Druggist may think he is taking all the chances, but when you figure that you have a year and a half guaranteed potency and you can get the goods on short notice, there is no excuse for loss.

You have 25% profit to the doctor and 66⅔% where sold to the consumer.

On the cheap products in the old fashioned bulb, there is not enough profit to warrant any druggist putting any energy into it.

Don't forget that we will help you out. Write us for particulars how to get this Serum trade coming your way.

Frederick Stearns & Company
WINDSOR, ONT. DETROIT, MICH.

Special Things

WE have always taken a great interest in your special preparations ; we know how to make them ; have had fifty years experience at it and have just the right sort of equipment for the work.

It makes no difference whether it is a ten thousand lot of Pills or Tablets, a Special Tonic or Cough Syrup.

At this season we particularly inquire regarding your special Cough Syrup.

We ought to buy material to better advantage than you can ; while deft trained fingers turn out much neater packages than you can expect to produce.

Our print shop reputation has become national on this class of work, and as for price you cannot get better value for your money.

Experience proves that there is a danger limit to economy in manufacture. The quality must be right to hold your trade.

Let us figure with you. Write us about it to-day.

Frederick Stearns & Co.

WINDSOR, ONT. DETROIT, MICH.

FREE



FREE

One of these Mouth Organs Sent Free, Postpaid, to any Address

To further introduce our Lines, and to assist Druggists to order for their Christmas Trade, During DECEMBER, we will send a sample of this Harmonica FREE, and if you like the sample we will supply in gross lots at
: : : : : \$12.00 per gross. : : : : :

Just Think Only \$1.00 Per Dozen for a Mouth Organ to Retail at 25c.

TORONTO THE **WILLIAMS** & SONS CO. WINNIPEG
R. S. LIMITED ...

ROYAL BALSAMIC PLAISTERS

As supplied to the Army and Navy at Scutari Hospital.

Makers of every
Description of

PLAISTERS

In the most
Approved Form

Specialty: POROUS AND EVERY KIND OF RUBBER PLAISTERS

SURGEONS' RUBBER ADHESIVE

In 1 yard rolls, each yard in enamelled metal box

On metal spoons, 10 yards on each

Width	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3 inches.
Price	10-	14-	20-	23-	28-	31-

per dozen yards
per dozen.

Prepared only by the Sole Proprietors, W. MATHER, LTD., Dyer Street, Hulme, MANCHESTER

London and Export Agents—

MESSRS. MACE & HALDANE,

94 MILTON ST., LONDON, E.C., ENG.



TO THE RETAIL DRUG TRADE.

If unable to procure Gillett's Lye, Gillett's Caustic Soda, and Gillett's Cream Tartar from your Wholesale House at prices quoted in our Special Drug List, send order to us and we will ship goods direct.

Refuse to pay more than authorized prices for above goods.

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TORONTO, ONTARIO

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IMPORTER AND WHOLESALE DEALER
IN IMPORTED AND DOMESTIC

.. CIGARS ..

Having special facilities for handling lines of Cigars particularly suitable for the Drug Trade, invites inspection of stock and will be pleased to quote prices.

Excellent Lines for Christmas Trade.

See next month's issue for Special Brands, etc.

JOHN WARD, 37 YONGE STREET, TORONTO

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Soaps that People believe in.

People believe in the Albert Soaps.

If they find you stock one kind they will come to you for the others.

They cover every kind of Toilet and Household Soap. "Baby's Own," Queen's Laundry Bar, The Master Mechanics' Tar Soap, Oatmeal Soap, Burton's All Healing Tar Soap, (used in the leading Hospitals).

**These are Good Soaps
to sell**

**ALBERT SOAPS LIMITED, MANUFACTURERS
MONTREAL**

Chamois Vests —AND— Chest Protectors

Now is the time to look up your stock of the above goods. SAUNDERS & EVANS have a full line of vests for men and women; all **fresh, well-made goods.**

Our Special Chest Protectors are at a price that must appeal to every dealer. Our travellers are on the road and will show you samples. We would be pleased to send samples through the mail.

SAUNDERS & EVANS, Limited
—TORONTO, ONT.—

JUST PUBLISHED. Thoroughly revised and improved. ELEVENTH EDITION. Medium 24mo, roan, limp. Price 9s. 6d. net; post free, \$2.40

The Extra Pharmacopœia

OF MARTINDALE AND WESTCOTT

REVISED BY

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and W. WYNN WESTCOTT, M.B.Lond., D.P.H.,
H.M.'s Coroner for North-East London.



London: H. K. LEWIS, 136 Gower Street, W.C.

SANTA CLAUS POST CARDS

We would direct the attention of our readers to the advertisement of W. G. MacFarlane, of Toronto, drawing the attention of the trade to a very fine line of Santa Claus post cards. Hundreds of thousands of these will be sold this Christmas, and large advance orders have been placed by leading jobbers. The cards, which include eight subjects are printed in bright colors, so as to please children. They are in effect letters from Santa Claus to children, and, being on a post card, a child receiving one thinks that it is genuinely a letter from Santa Claus. Nothing that a child can receive will delight more than one of these cards. One card shows Santa Claus making toys in his workshop; in another he is chopping Christmas trees; in another he is walking through the forest with his pack of toys; in another he is driving through the clouds with his reindeer and sleigh; in another he is coming down the chimney and then shows him emerging from the chimney; another shows him sending a telephone message to the boys and girls; another is a telegram and shows a railway track and telegraph line. All the letters tell the boys and girls to be good and they will get lots of nice things. Dealers are invited to send either to the Buffalo or Toronto office for samples. These cards are priced at \$15.00 per thousand, assorted, f.o.b. Toronto, with special discounts to jobbers. Do not fail to send for a set of samples. These cards are winners.

MUSICAL INSTRUMENTS AND SUNDRIES

The firm of Whaley, Royce & Co., corner of Richmond and Yonge Streets, Toronto has been long and favorably known to the trade and the public in connection with musical instruments, music, and the various sundries that go to complete a music house of the present day. Of these many are handled by druggists, as they are light, clean goods and take up very little room.

Among these are "Imperial" strings for violins and all stringed instruments specially manufactured for this firm and of the highest standard of excellence. Then there are the popular brands of harmonicas, "Imperial Harp" and "Ideal Harp," both trade marks of this firm, also the "Imperial" Solo B. Flat Cornet that plays in high or low pitch and can be changed instantaneously to A without using attachments, and the tone of which is strong, clear and mellow. It is one of the easiest blowing cornets made. The violins of this firm are manufactured by the best makers in Germany, are of superior merit, pure, rich resonant tone and perfect acoustic qualities. The trade mark on these is "Imperial." Then, too, there are "Imperial" and

"Ideal" mandolins and guitars, the "Imperial" being the highest standard, the latter a cheaper line.

The firm also stock all the standard music in books and sheets as well as the popular lines, both instrumental and vocal. Music stands include "Imperial," "Automatic," "The Ideal" and "Conductors" as well as snare drum stands, all of the best make and finish. Music and musical supplies of all kinds are heavily stocked.

The travelling representatives of this firm carry samples of all the various lines on their trips. Should they not call on our readers write direct to the firm who will answer promptly.

CIGARS

Mr. Jno. Ward, 37 Yonge Street, Toronto, who has started in the wholesale cigar business next to the Board of Trade Building, makes his announcement to our readers in this issue. Mr. Ward carries a full line of all varieties of imported and domestic cigars and is prepared to fill all orders promptly. Having special facilities he is able to handle all grades at the lowest prices and owing to the great variety of his stock he can supply goods to satisfy the most exacting tastes. In our next issue will appear more definite and fuller information as to special brands, etc.

A PURE LAVENDER OIL

We have received from Messrs. Stafford Allen & Sons, London, Eng., a sample bottle of their well known Lavender Oil, which, for purity, fragrance and strength is unexcelled. If any of our readers require to stock up this line of goods, by specifying "Allen's," they will be certain of obtaining the genuine article and be perfectly satisfied.

THE SUCCESSFUL DEALER

The successful dealer is the one who gives his business his undivided attention. After success has been attained he may delegate a large part of his work to others, but at the beginning he must give personal attention to details.

If he be fitted to build up a successful business he will have the faculty of selecting reliable assistants, but the general supervision of affairs will still occupy all his time.

When his business has expanded to large proportions and each department receives the undivided attention of a competent head, he may turn his attention to other matters if he will, but he cannot do so safely until success is achieved.—Ex.

Formulary

MASSAGE CREAM

Glycerin	1 ounce
Borax	2 drachms
Boracic acid	1 drachm
Oil of rose geranium	30 drops
Oil of anise	15 drops
Oil of bitter almonds	15 drops
Milk	1 gallon

Heat the milk until it "lobbers" and allow to stand 12 hours. Strain through cheese-cloth and allow to stand again for 12 hours. Mix in the salts and the glycerin, and triturate in a mortar, finally adding odors and coloring. The lobbered milk must be as free from water as possible.

A WART CURE

Dr. Mantelin contributes the following to The Journal des Praticiens. It is especially useful in cases where the warts are very numerous. (Nat. Druggist):

Chloral hydrate	1 part
Acetic acid	1 part
Salicylic acid	4 parts
Sulphuric ether	4 parts
Collodium	15 parts

Mix. Directions: Every morning apply the foregoing to the warts, painting one coat on another. Should the mass fall off without taking the warts with it, repeat the operation. Take, internally, 10 grains of burnt magnesia daily.

VULNERARY

Les Nouveaux Remedes gives the following for an antiseptic application for washing and rinsing wounds. (Nat. Druggist):

Tincture of benzoin	30 parts
Tincture of quillaya	30 parts
Glycerin	30 parts
Terpinol	2 parts
Oil of geranium	2 parts
Salicylic acid	2 parts
Distilled water	250 parts

Mix. To use, add from two to six drams to the quart of warm water.

NEUROGEN

Name given to a mixture of salts intended for use in the bath. The formula is said to be as follows:

Sea salt	798 parts
Sodium sulphate	125 parts
Calcium sulphate	23 parts
Iron sulphate	6 parts

Mix.

PARA DE ROUGE—STRONG

Particularly adapted for tinting the lips a deep pink. A theatrical desideratum.

Paraffin (solid)	1 ounce
Petrolatum (white)	1 ounce
Glycerine	$\frac{1}{2}$ ounce
Eosin	$\frac{1}{2}$ dram
Oil of rose	2 drops

Melt the paraffin and petrolatum, add the glycerine and eosin and stir until cool; add the oil and mix until hard.

DISINFECTANTS

The formulary of Bellevue Hospital and of the Department of Public Charities, New York city, says, under the heading of disinfectants:

For ordinary purposes the following solutions may be used as germicidal disinfectants. They are given in the order of their relative efficacy:

Formaldehyde solution	1 to 250
Corrosive sublimate	64 grn.
Carbolic acid	2,920 grn.
Bromine	35 grn.
Potassium permanganate	40 grn.
Chlorinated lime	4 oz.
Iron sulphate (copperas)	24 oz.
Zinc sulphate	4 oz.
Sodium chloride	2 oz.

In one gallon of water.

HOT SODA FORMULAS

The following from The Spatula Soda Water Guide will be found seasonable:

HOT LEMON

This may be made from the cold lemon syrup, but I prefer one containing the gratings of six and juice of eighteen lemons to the gallon. This makes a fine hot lemonade. Make syrup same as for cold, leaving out the foam. Use $\frac{1}{2}$ to 1 oz. to cup or 8 oz. glass.

CHOCOLATE

This may be prepared in two ways, from the powdered cocoa or from a syrup. I recommend the latter where you do any business. To prepare the cocoa for use, dry mix with an equal quantity of pulverized sugar and use a heaping teaspoonful to a mug.

To prepare a syrup, take 12 ozs. cocoa, 5 pints of water and 4 pounds of sugar. Reduce the cocoa to a smooth paste with a little warm water.

When the water becomes hot add the paste, and then allow to boil for three or four minutes; remove from fire and add sugar; stir carefully while heating, so as not to burn; when cold add 3 drs. of vanilla; $\frac{1}{2}$ to $\frac{3}{4}$ of an oz. will suffice for a cup of chocolate; top off with whipped or ice cream. I prefer the ice cream it gives a much richer flavor.

COFFEE

Make an extract by macerating 1 pound of the best Mocha and Java with 8 ozs. of water for 20 minutes, then add hot water enough to percolate 1 pint. $\frac{1}{8}$ to $\frac{1}{4}$ oz. of this extract will make a delicious cup of coffee. Serve either with or without cream and let customer sweeten to taste.

THE ATTENTION OF DRUGGISTS IS CALLED TO THE FOLLOWING NEW STYLES OF

Vaseline Preparations

: : WHICH WE ARE NOW PREPARED TO SUPPLY: : :

Vaseline Camphor Ice	Trial size tubes—boxes of ½ gross, @	- - - -	\$9.50	per gross
" "	" — Trial size square boxes—boxes of 1 gross, @	- - - -	4.50	" "
" Cold Cream	Trial size round tins—boxes of 1 gross, @	- - - -	9.00	" "
Capsicum Vaseline	Trial size collapsible tubes—boxes of ½ gross, @	- - - -	4.55	" "
Carbolated	" — Trial size collapsible tubes—boxes of ½ gross, @	- - - -	4.55	" "
White	" — Trial size collapsible tubes—boxes of ½ gross, @	- - - -	4.75	" "
Borated White Vaseline	Trial size collapsible tubes—boxes of ½ gross, @	- - - -	4.75	" "

The above prices are subject to our usual discount terms.

These new styles can be supplied only in the quantities contained in the original packages.

Chesebrough Manufacturing Company

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TURPENELESS LEMON OIL

IS OF THE VERY HIGHEST CONCENTRATION.

It possesses all the odorous constituents of Lemon Oil, both Aldehyde and Ester, in their most concentrated form and absolutely unchanged.

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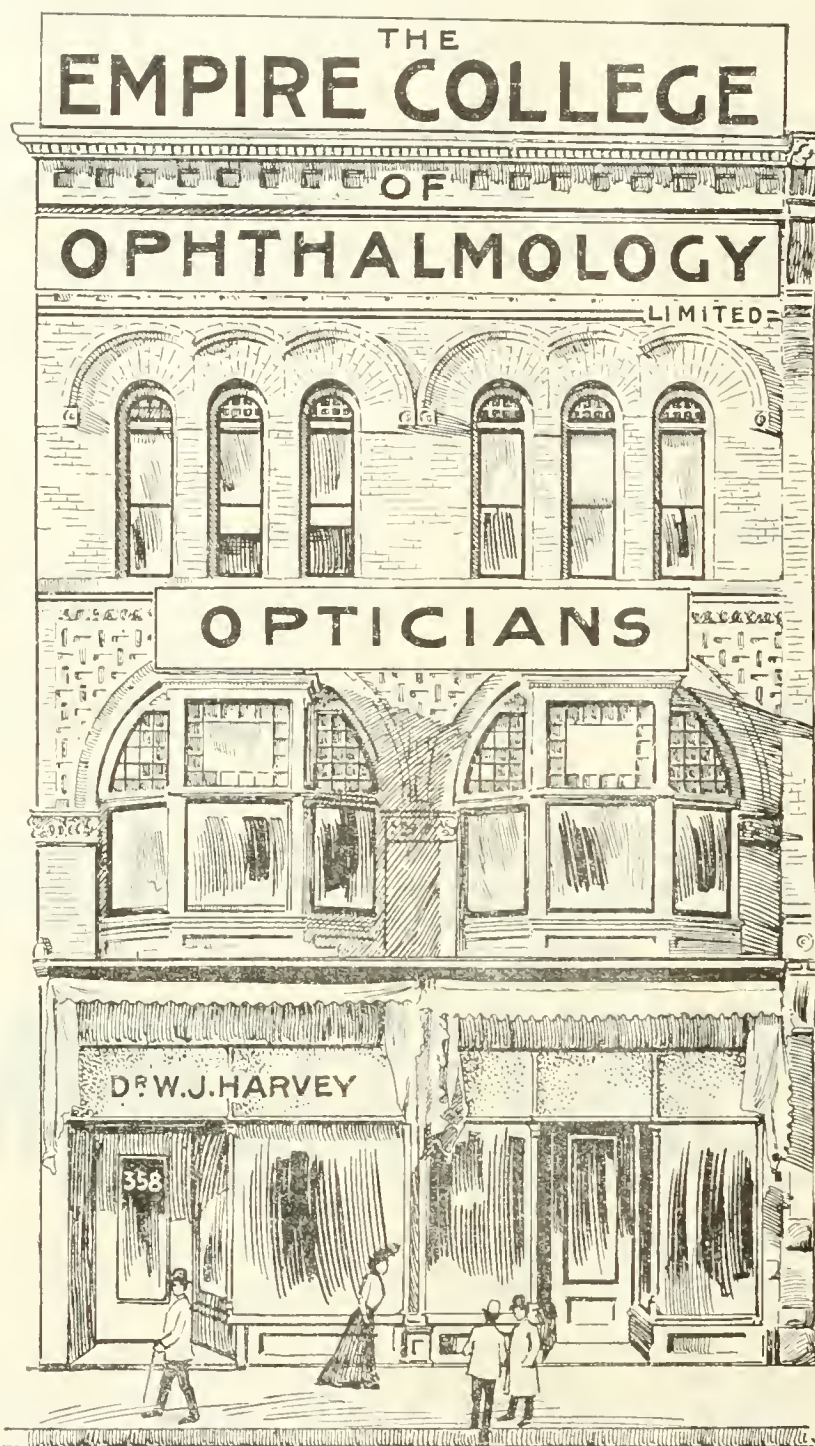
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THE EMPIRE COLLEGE OF OPHTHALMOLOGY, LIMITED

LOCATED AT 358 QUEEN STREET WEST, TORONTO, CANADA

A thoroughly organized and equipped College of Optics with a Dean and Faculty, upon which the Government of the Province of Ontario has conferred the power to teach anatomy and all subjects necessary for a thorough optical education.

Photography

PHOTOGRAPHIC PRINTING ON IVORY

The following formula is used for the preparation of a photographic basis on ivory for miniature printing:

Silver nitrate	3 parts
Uranium nitrate	30 parts
Alcohol, 95 per cent.....	100 parts
Distilled water	5 parts

This solution is made up and applied to the ivory with a soft brush. The sensitized surface so prepared is then dried in the dark, and afterward printed by contact in daylight. The printed

1.—Sodium formate	18 grs.	100 g.
Distilled water	1 oz.	1,000 c.c.
2. Platinum perchloride..	10 grs.	20 g.
Distilled water	1 oz.	1,000 c.c.

To 1 oz. of water add 15 drops of No. 1 and then 15 drops of No. 2 and flood the print with it, and it will soon be seen to intensify and get darker, then rinse well and dry.

A CHEAP DEVELOPER

Washing soda	160 grs.
Sodium sulphite	144 grs.
Hydroquinone	16 grs.
Water	8 ozs.

Each ounce will develop six quarter-plates, and the cost of the developer for each plate is 0.82,-



A CHURCH IN PETERBORO, ONT.

picture is fixed by merely immersing it in water acidulated with nitric acid; it is then rinsed in clean water and dried.

It is most essential that the surface of the ivory be absolutely clean; the least trace of grease or moisture will cause patchy prints.—Photo-American.

INTENSIFYING PLATINOTYPES

It is a very simple matter to intensify platinum prints with the following solutions:

222,222 of a penny. The next time any one wants a cheap developer they had better use this.—Photo-American.

RED TONES ON MATT. P.O.P.

Those who wish to obtain a good red color which can be got on most of the commercial brands of matt surface gelatine printing-out paper may like the following platinum formula, which has been tried and found satisfactory,

yielding a color which closely resembles the regular red chalk carbon tissue. The prints must first be washed thoroughly to remove the soluble silver salts, and are then placed for three or four minutes in the following bath:

Common salt 40 grains
Powdered alum 50 grains
Hot water to make 5 ounces

When the liquid is quite cold, one grain of potassium chloro-platinate is added. The prints are taken out before their color has altered to any very considerable extent, and are then fixed in a solution of hypo, two ounces to the pint, washed well, and dried. Their color can be darkened a little afterwards, if this is thought desirable, by placing them between clean blotting paper when quite dry, and ironing them with a hot iron.

ENCAUSTIC PASTE FOR COPYING

Not half as many photographers use encaustic paste as should do so; in fact, many seem to be quite ignorant that such a preparation exists and has its uses. These are, first and foremost, to brighten up the surface of matt prints. It is surprising how much a bromide enlargement can be improved by rubbing it well over with the paste, which can be bought ready prepared, or made at home, by melting an ounce of white wax, adding to it six drams of oil of lavender, and, when thoroughly mixed, a dram of gum elemi. The mixture should be stirred until it is quite cold. Mr. Houston, in *The Camera and Dark Room*, points out that it is very useful for copying prints in which there is any tendency to show grain. The print is treated with the paste, just as it would be if it were applied in the ordinary way to brighten it. That is to say, a little piece of the paste is put in the centre of the print, rubbed well in with a piece of cotton wool, working in a circular direction, and rubbing until all the wax appears to be removed again. In this way, says Mr. Houston, the grain of the print to be copied may very easily be made very much less evident.

RED CARBOLIC ACID

To prevent crystallized carbolie acid from becoming red Mr. L. Reuter (*Pharmaceutical Review*) adds to the melted acid a certain quantity of sulphurous acid, large enough to counteract the oxidizing influence of the air or of other oxidizing agents which might produce the red coloration, but at the same time so small that nobody could reasonably raise any objection to its use, and such percentage would be about 0.0025. A 5 per cent. carbolie water made from such an acid will contain 0.000125 per cent. of sulphurous acid, or rather less than 1-10 grain per gallon.

EMPIRE COLLEGE OF OPHTHALMOLOGY

The Empire College of Ophthalmology, of which we present a very good cut elsewhere in this issue, is the outcome of the untiring effort on the part of a number of Canada's leading optical men to establish and equip an institution at which students could acquire an advanced optical education.

The curriculum has been very carefully arranged by the Dean and Faculty, and the instructors are among the most painstaking, proficient and competent teachers and include two practical mechanical opticians, four refracting opticians of the widest possible experience, one medical doctor and two oculists. Each instructor is a specialist in his line, and a complete course of instruction at this College carries the student into the front rank of the optical profession.

The basement is fitted with the finest and most up-to-date machinery for grinding lenses and laboratory work, and to facilitate optical experiments.

The first floor of the building is used as an office and examining room, and the College Clinic affords ample material for that practical work which gives a young practitioner confidence and clinical understanding which begets success.

On the second floor are situated the class rooms, which are hung with charts and blackboards and fitted with the necessary apparatus to instruct and train the student for the optical profession.

The library contains carefully selected books of reference on optical and ophthalmic subjects, and apart from the curriculum books of the College, it is a most valuable reference library on matters of interest to the student.

The Optical Clinic is under the direct supervision of Dr. W. J. Harvey, whose phenomenal success as a refractionist and non-surgical treatment for cross-eyes has awakened general interest and the unqualified endorsement of its patrons.

The College is putting on a special course for the benefit of druggists during the month of February, in which it will be well for all druggists seeking optical knowledge to secure enrollment.

MITIN

This is the name of an ointment-base introduced by Dr. S. Jessner, of Königsberg, for skin affections. It is a combination or emulsion of wool fat with whey, and contains 50 per cent. of water, so that it forms a cooling application. The melting point is 37 degrees-38 degrees C.



The AGFA Intensifier

PRICE

oz.	4 oz.	8 oz.	16 oz.
.237	.60	1.	1.75

Sole Agents for Canada

**HUPFELD,
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& CO.
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"The Agfa Intensifier is excellent."

—DR. J. M. EDER.

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"The process is very simple, only one operation being necessary. Intensification is greater than with Mercuric Chloride."

—C. H. BOTHAMLEY, F. I. C.

000

"One great advantage of Agfa Intensifier is that its action is gradual or accumulative, and so can be watched and stopped just when the desired result is obtained."—DR. JOHN NICOL.

000

"Although Mercury and Ammonia may give an apparently deeper deposit, it will be found that a negative intensified with Agfa gives a better print... Another advantage, is that Agfa does not affect the clearness of a negative."—PROF. RUDOLFO NAMIAS.

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YORK'S OPTICAL LANTERN SLIDES for Educational Purposes. Embracing every branch of Science and Travel; also interesting and Moral Tales, illustrated by Life Models. The Catalogue of New Sets can be had on application. Sixteen Medals awarded for excellence. We are the Largest Manufacturers in the World. Terms on receipt of Business Card.

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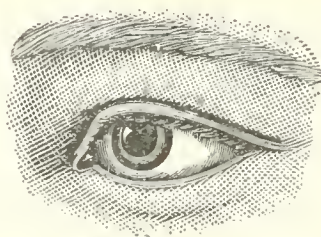
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Stationers in
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6d., 1s. and
gross boxes

HINKS, WELLS & Co. beg to draw attention to this new series of turn-up, pointed and other pens, made of the same material, by the same tools, by the same process, and at the same works, as the well known series of Waverley Pens, which Hinks, Wells & Co. have for 30 years and upwards (prior to September, 1901), manufactured for and supplied to the proprietors thereof.

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Our course by correspondence can be taken without any detention from your business. We are offering a **regular \$25 00 College Course by Correspondence** for \$8.00 (\$2.00 and balance \$1.00 a week). It costs you only a 2c. stamp to learn all about it. Write to day to

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W. E. HAMILL, M.D., Oculist



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COUGH SYRUPS.

We have made a careful study of the requirements of the trade in the matter of Cough Syrups and have worked out a great number of remarkably good formulae which are fast becoming very popular with the public. In wrappers we have some thirty or forty very attractive styles, and in addition can produce special designs for druggists requiring such on very short notice, as we have a large and up-to-date printing plant. Write for samples and prices.

The Toronto Pharmacal Co.

LIMITED

TORONTO

MONTREAL

WINNIPEG

Optical Department

In charge of W. E. Hamill, M.D., Principal Canadian College of Optics, Toronto.

NEW TREATMENT FOR DEFECTIVE EYES

(Concluded.)

"Next, hold your finger as far out in front of you as you can, and bring it in slowly until it touches the nose, watching it closely all the time. Do this five or six times. This will be a little painful at first only.

"Next, close both eyes. Place the first finger of each hand on the upper lid of the corresponding eye, and press inward and downward as hard as you can bear, as though you were trying to force the fingers in between the eyes and eyebrows. Do this five times.

Next, place the fingers under the eyes, and press inward and upward as hard as you can bear, five times.

"Then place the fingers on the inside of the eyes, and press outward five times.

Next, place the fingers on the outside of each eye, and press inward toward the nose five times. Then, place the fingers flat on the upper eyelids, with their ends pointing toward the nose, and rub deep and hard toward the nose, five times. Place the fingers on the lower lids, and rub hard five times; then on the outer corners and rub; then on the inner corners and rub up and down. Repeat all these movements three or four times each day, and gradually increase the number of times you make each movement, until you make each movement twenty times.

"The object is to rub the eyelids on the eyes as hard and deeply as you can bear, as though trying to force the eyeballs to a point, and prevent them flattening, at the same time stimulating the circulation in them, which brings nutriment and carries off waste, thus restoring health and brilliancy.

"This treatment has cured cataract of five years' standing, and persons who have worn glasses for years have been enabled to discard them, after a few months of this treatment.

"The best eye lotion is normal salt solution, which is prepared by taking a small quantity of distilled or filtered water, and adding enough salt to make it taste palatable of the salt. (Your own taste is the best gauge for your own eyes). Keep in a bottle and put a few drops into each eye every day, or oftener, if required."

THE EYE—COMPARATIVE ANATOMY

(Continued.)

The eyes of birds are in strict accordance with the necessities of their life, passing swiftly through the air, often ascending and descending through altitudes of rare and dense atmosphere, it would call for an eye where the accommodation was most ample and exceedingly active.

Such, indeed, is it found to be, the eye comparatively large and the cornea prominent, the lens spherical and the iris, aqueous, and vitreous well developed, mobile, tough eyelids further supplemented with a nictitating membrane, which in some birds is so attenuated as to permit sight through it; a protection probably furnished by nature to the delicate cornea when fleeing from enemies through dense brambles; the form is maintained by a circle of imbricated osseous plates, which enables the bird to throw the whole weight and force of the confined fluids against the lens and ciliary adjustments, and results in not only increasing the convexity of the cornea, but gives instantaneous power of accommodation; the optic nerve differing from man, does not enter circular, but through an elongated opening, and forms the entrance for one of the most remarkable means of optical adjustment met with in organs of vision, and it is to this peculiar and fascinating feature which distinguishes the bird's eye from all other eyes that I again wish to call your attention.

The marsupium or pecten is a body compound of folds of vascular membrane supplied from the central arterial branches which enter in the substance of the nerve. This vascular organ which varies much in the number of folds composing it, is inserted or wedged into the substance of the vitreous humor, passing forward to a greater or less extent, in some birds even as far as the lens, it is covered with the black pigment of the choroid, though quite unconnected with the tunic itself.

This remarkable addition to the ordinary structure of the eye and its evident capability of being distended by additional blood poured into it (as in similar vascular textures), or of being relaxed when excitement has waned, points it out as admirably adapted for the office generally assigned to it, that of being a reserve adjusting force of accommodation, which the bird can bring on at any moment, either by distention to push the lens forward and convex the cornea, or by relaxation to allow the organ to resume its ordinary function by its own resiliency.

Thus in the words of Spencer Thompson, "We can imagine the bird of prey loosely wing the air, and scan calmly but attentively the far beneath, the eye comparatively at rest and adapted by its lessened convexity to distant vision. Suddenly its looked for victim is seen, passion is aroused, and as with lightning-like swoop, the bird descends on his prey, the blood of excitement pressing the distensible organ of the pecten, adapts the eye more and more to the rapidly diminished distance, and by thus enabling the object seen from high in the air to be kept in view through the long but fast descent, makes even the nimble-moving mouse an easy prey."

Financial

CHARTERED BANKS AND THEIR BRANCHES IN CANADA

A recent estimate gave the number of chartered banks, together with their branch offices in Canada at 1,147, but every month witnesses quite an addition to these figures.

The Finance Chronicle gave the location of the branches as follows :

In Ontario, 550; Quebec, 196; Nova Scotia, 100; Manitoba, 96; North-West Territories, 88; British Columbia, 55; New Brunswick, 49; Prince Edward Island, 10; Yukon, 3. Since 1899 the increase in branches has been 506, the addition being about 80 per cent. In Manitoba the increase was 50; in the Territories, 70; in British Columbia, 8; Ontario, 244; Quebec, 80; Maritime Provinces, 54.

In addition to the above the following branch offices were opened last month (November) :

Quebec Bank at Ville Marie, Que.; Molson's Bank at Lucknow, Ont., and Dutton, Ont.; Bank of Ottawa, at Stoughton, Saskatchewan; Dominion Bank, at 643 Portage Ave., Winnipeg, Man.; Bank of British North America, at Davidson, Saskatchewan; Metropolitan Bank, at Bancroft, Ont.; Imperial Bank of Canada, at Fonthill, Ont.; Canadian Bank of Commerce, at Vermillion, Alberta and Yellow Grass, Assiniboia; Traders' Bank of Canada at Norwich, Ont., and Fergus, Ont., and at corner King and Spadina, Toronto, Ont.; Sovereign Bank at Berlin, Ont.

BANK STATEMENT

The annual statement of the Bank of Montreal shows a net earning for the twelve months of \$1,638,000.

\$218,000 is carried forward to the profit and loss account, making the total of this fund \$801,855. The capital has been increased from \$14,000,000 to \$14,400,000 in consequence of the absorption of the People's Bank of Halifax.

The "rest" or reserve fund remains at \$10,000,000.

BANK OPEN ALL NIGHT

The Monarch Bank of Canada, the newly organized "open all night" institution, will soon be open to belated Montrealers, as well as in Toronto, to those whose business will not permit a visit to the banks during the day. The new project is more or less a venture, but there is no reason why success should not attend the move. The bank will, according to Mr. T. Marshall Ostrom, of Toronto, who is provisional president of the company, not only do business at a late hour, but will be open during the day to look after the

wants of the large daily clientele of which the management is already assured. It is also held that there is a large number of people and especially amongst druggists, who find it necessary to transact business after the regular banking hours, and who are, under present conditions, often compelled to wait until the following morning.

NORTHERN BANK ORGANIZES

A meeting of the shareholders of the Northern Bank was held Oct. 31st, at its head office, Winnipeg, Man. After presentation of the report of the provisional directors and the adoption of by-laws the following Directors were elected: Sir Daniel McMillan, K.C.M.G., A. J. Adamson, M.P., J. H. Ashdown, D. C. Cameron, Geo. R. Crowe, Hon. Wm. R. Montague, James H. McDougall, Edmonton; F. Nation, Brandon; Capt. Wm. Robinson, Hon. R. P. Roblin, F. W. Stobart, and A. Stamford White, Chicago.

Subsequently, the following officers were elected: President, Sir Daniel McMillan; Vice-President, Capt. Wm. Robinson.

The report presented showed that \$818,500 had been actually subscribed and application for the further amount of \$108,500 had yet to be considered.

The Bank of Montreal statement for the year ending Oct. 31, 1905, has been published and the profits are shown at \$1,638,695. Dividends amounting to \$1,420,000 have been paid.

A CHRISTMAS NUMBER

Effort has been made to make the Christmas number of Everybody's exceptionally strong in fiction. The first instalment of Rex E. Beach's powerful romance of the Alaskan gold fields, "The Spoilers," indicates that this is a pretty close approximation of the long-sought-for "American novel." It is a stirring story; and it is not, as certain intriguing politicians will observe, entirely the product of Mr. Beach's imagination. Supplementing the novel are a characteristically spirited story by O. Henry, perhaps the most popular of American short story writers; Booth Tarkington's "Lord Jerningham," one of the best love stories of the year; and Grace S. Richmond's "On Christmas Day in the Morning," a thoroughly fresh and charming "home story." "The Capitulation of Suzanne" is a love story of Christmas in the Adirondacks, by Eleanor Hoyt Brainerd. Hugh Pendexter has a brilliantly humorous skit, "An Arctic Circle Touch-Down," and there are admirable "Little Stories" by Grace Lathrop Collin and G. W. Ogden. Hartley Davis continues his dramatic department, "The Players."

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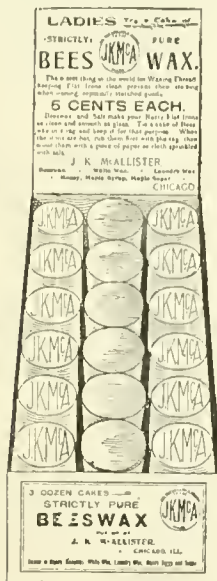
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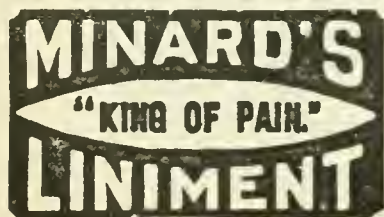


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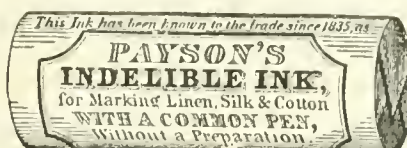
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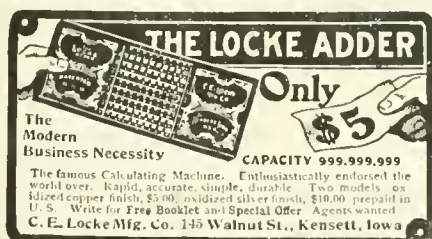
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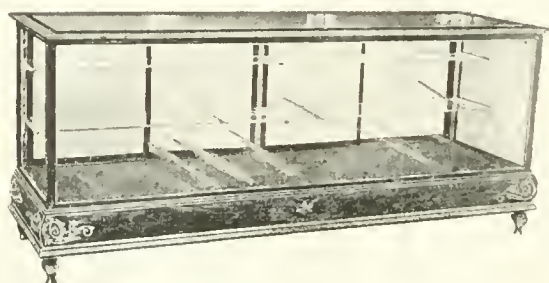
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DRUG REPORT

Toronto, Nov. 21, 1905.

Business during the past month has been fairly active. Camphor, as stated in last month's report, is still on the upward grade.

Bismuths have been reduced by the manufacturer. For changes see our price list.

Sal Epsom of high grade character other than Howard's is almost impossible to obtain, in fact during the last few months there has been almost a famine for Epsom Salts in the city, and the only grade that can be had now is the Scotch variety.

There are no other changes of importance to note.

CHANGES IN PRICES

A. Advanced. D. Declined.

D. Bismuth Carb.....	Lb.	\$3.25
D. " Citrate	Oz.	.30
D. " Nitrate Crystals..	Oz.	.35
D. " Oxide	Oz.	.30
D. " Oxychloride	Oz.	.40
D. " Oxyiodide	Oz.	.60
D. " Salicylate	Oz.	.22
D. " Subgallate	Oz.	.22
D. " Subiodide	Oz.	.50
D. " Subnitrate	Lb.	\$3.10
D. Menthol	Oz.	.30
A. Oil Origanum, White	Oz.	.15
D. Guaiacol	Oz.	.30
D. Resorcin	Oz.	.18

COD LIVER OIL REPORT

Peter De old, Aalesund, Norway, manufacturer and exporter of Lofoten Cod Liver Oil, says:

"The Norway Codfisheries of 1905, now ended, gave the largest cod liver oil crop on record! The codfish was of good quality with a fat liver, giving an excellent Lofoten cod liver oil of very light color and pleasant taste, besides, the price being exceptionally cheap very large quantities have already been sold for export.

Since the conflagration of Aalesund in January 1904, in which all my buildings burned, my refining capacity has naturally been limited. As my new refinery soon will be ready with all modern improvements and of ample dimensions to refine any quantity wanted by my foreign customers, I am again able to compete with any manufacturer of pure Lofoten cod liver oil."

The crop total of Norway cod liver oil for the season of 1905 amounted to 41,900 hectoliters (1 hectoliter being equal to 100 quarts) and the export total was 23,200 hectoliters. The total crop of this season is 23,300 ahead of the season of 1904.

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